



REPORT OF THE
Hydro-Electric Power
Commission
OF ONTARIO
1928

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MR. WILLS MACLACHLAN

Wills MacLachlan

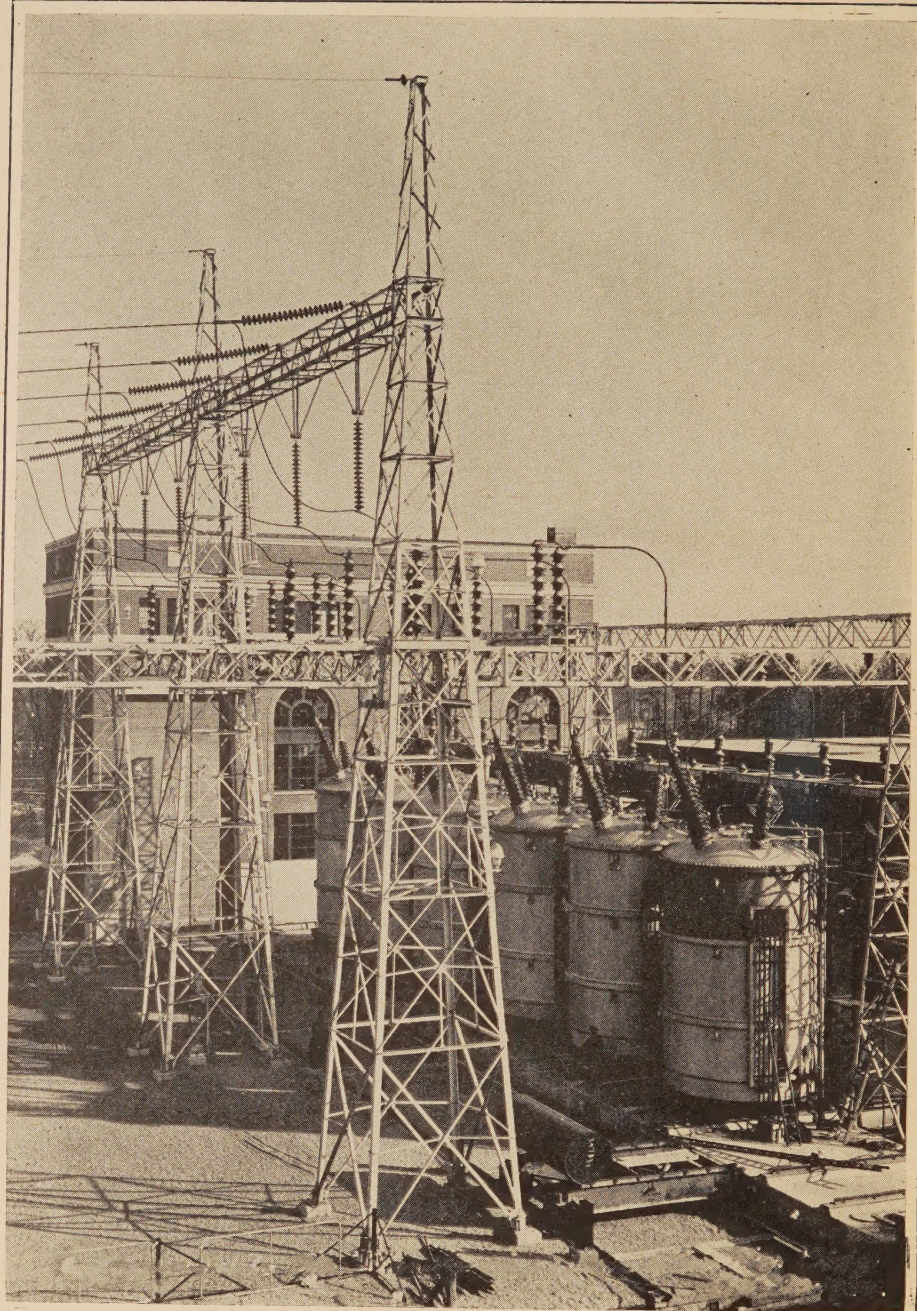


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Ontario Hydro Electric
Power Commission

(Twenty-First) Annual Report

OF THE

**HYDRO-ELECTRIC POWER
COMMISSION**

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1928

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

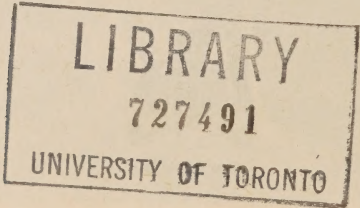


TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty
1929

HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO

CHARLES A. MAGRATH.....Chairman
HON. J. R. COOKE, M.L.A.....Commissioner
C. ALFRED MAGUIRE.....Commissioner
W. W. POPE.....Secretary
F. A. GABY, B.A.Sc., D.Sc.....Chief Engineer



To His Honour THE HONOURABLE WILLIAM D. ROSS,

Lieutenant-Governor of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to your Honour the Twenty-first Annual Report of the Hydro-Electric Power Commission of Ontario for the fiscal year ending October 31, 1928.

This Report covers all of the Commission's activities and also embodies the financial statements of the municipal electric utilities operating in conjunction with the various systems of the Commission and supplying electrical service to the people of the Province.

Dealing, as it does, with a multiplicity of activities relating to several electrical systems obtaining power from twenty-two hydro-electrical plants operated by the Commission, supplemented by power purchased from other sources, and recording financial and other data relating to the individual local municipal electric utilities, the Annual Report presents a large amount of statistical information, much of which must, of necessity, be of a summary character.

The financial statements, the statistical data and the general information given, however, are so arranged and presented as to convey a comprehensive outlook on the features of the Commission's operations. Not only does the Report record the progress made during the past year, but it gives, in addition, certain cumulative results for the various periods during which operation has been maintained in the respective municipalities.

During the past year the work of the Commission has been characterized by consistent and steady growth. Throughout the winter of 1927-28 and during the ensuing spring and summer months, work on the initial unit of the transmission line bringing power from the Ottawa river watershed to supplement the supply for the Niagara system was rapidly pushed to completion, with the result that on October 1st, 1928, the line was formally placed in service. It consists of a single-circuit, 220,000-volt line designed to transmit 125,000 to 150,000 horsepower and extends from a point on the interprovincial boundary on the Ottawa river, where power is received from the Gatineau Power Company, to

Leaside, on the outskirts of Toronto, a distance of 202 miles. The steel-reinforced aluminum cable used in this line aggregates 606 wire miles and is supported by nearly 1,000 steel towers. The completion of this line, much of it through rough and sparsely populated territory, within so short a period is regarded as a noteworthy engineering achievement.

The operation of all the systems has been carried on successfully and without serious trouble. The class of equipment provided in the Commission's generating plants and on its transmission networks, and the care with which it is maintained and operated have enabled the Commission to provide a remarkable continuity of service. This is indicated by the fact that power was never entirely off the Niagara system for a single minute during the year. On the Georgian Bay system the continued combined operation of the various generating plants has been very satisfactory and has resulted in an improved service. On the Georgian Bay system, the Central Ontario and Trent system, and the Nipissing system, special attention has been given to the problem of conserving and increasing the flow of streams.

COST OF ELECTRICAL SERVICE FURNISHED BY THE COMMISSION

The function of the Commission is not only to use its best endeavours to provide for the people of Ontario, at cost, an adequate and reliable supply of electrical energy, but also to ensure that the cost of that electrical energy to the consumers shall be the minimum consistent with the financial stability of the enterprise. The success that has been attained in the accomplishment of the latter object may be appreciated by a careful study of the statistical data relating to the supply of electrical energy to consumers as given in Statement "D" and the actual rates to consumers as presented in Statement "E," in conjunction with the various financial statements of the Report.

GROWTH IN LOAD

The following tabulation shows the growth in load in the various systems during the year.

DISTRIBUTION OF POWER TO SYSTEMS

20-MINUTE-PEAK HORSEPOWER

SYSTEM COINCIDENT PEAKS

| System | October 1927 | December 1927 | October 1928 | December 1928 |
|-------------------------------------|-----------------|------------------|-----------------|------------------|
| Niagara system..... | 810,322 | 853,960 | 879,357 | 894,772 |
| Georgian Bay system..... | 19,247 | 21,791 | 20,082 | 21,595 |
| St. Lawrence system..... | 8,246 | 9,033 | 9,896 | 9,759 |
| Rideau system..... | 3,290 | 3,123 | 3,351 | 3,466 |
| Thunder Bay system..... | 43,603 | 42,332 | 48,910 | 66,300 |
| Ottawa system..... | 18,480 | 18,794 | 20,241 | 21,213 |
| Central Ontario and Trent system... | 43,458 | 47,994 | 47,493 | 50,389 |
| Nipissing system..... | 3,054 | 3,225 | 3,170 | 3,248 |
| Total..... | 949,700 | 1,000,252 | 1,032,500 | 1,070,742 |

FINANCIAL SUMMARIES

It will be observed that the financial statements embodied in this Report are presented in two main divisions, namely, a division—Section IX—which deals with the operations of the Commission in the generation, transformation and transmission of electrical energy *to the co-operating municipalities*, and a division—Section X—which deals with the various operations of the municipal electric utilities in the localized distribution of electrical energy *to consumers*.

The cumulative results to date of the operation of the several systems of the Commission as set forth in this Report demonstrate a healthy financial condition.

The total investment of the Hydro-Electric Power Commission of Ontario in power undertakings and hydro-electric railways is \$211,217,481.46, and the investment of the municipalities in distributing systems and other assets is \$85,986,287.89, making in power and hydro-electric railway undertakings a total investment of \$297,203,769.35. The total revenue derived from this capital investment aggregated \$36,388,391.98 in the fiscal year 1928.

The following statement shows the capital invested in the respective systems and municipal undertakings:

| | |
|---|------------------|
| Niagara system..... | \$161,994,023.61 |
| Georgian Bay system..... | 5,546,340.02 |
| St. Lawrence system..... | 1,852,165.93 |
| Rideau system..... | 1,189,021.46 |
| Thunder Bay system..... | 14,332,937.23 |
| Ottawa system..... | 201,331.53 |
| Eastern Ontario transmission lines, etc..... | 895,236.64 |
| Central Ontario and Trent system..... | 14,157,630.78 |
| Nipissing system..... | 1,151,370.92 |
| Hydro-electric railways..... | 6,989,346.88 |
| Office and service buildings, construction plant, inventories, etc..... | 2,908,076.46 |
| | <hr/> |
| | \$211,217,481.46 |
| Municipalities' distributing systems and other assets (exclusive of \$12,326,097.56 of municipal sinking fund equity in H.E.P.C. system)—all systems..... | 85,986,287.89 |
| | <hr/> |
| | \$297,203,769.35 |

The following statement shows the combined revenue of the Hydro-Electric Power Commission and the municipal electric utilities:

Revenue of the Hydro-Electric Power Commission:

From the municipal electric utilities, rural power districts,
Hydro-Electric railways and other power customers—

| | |
|--------------------------|-----------------|
| Niagara system..... | \$17,954,993.01 |
| Georgian Bay system..... | 762,594.91 |
| St. Lawrence system..... | 290,279.27 |
| Rideau system..... | 154,600.76 |
| Thunder Bay system..... | 1,145,031.55 |
| Ottawa system..... | 205,099.84 |
| Bonnechere storage..... | 4,210.53 |
| | <hr/> |
| | \$20,516,809.87 |

| | | |
|---|-----------------|------------------------|
| From rural consumers— | | |
| Niagara rural power districts..... | \$1,166,221.80 | |
| “ rural lines..... | 4,385.65 | |
| Georgian Bay rural power districts.... | 44,584.17 | |
| “ “ rural lines..... | 288.75 | |
| St. Lawrence rural power districts.... | 23,945.92 | |
| Ottawa rural power district..... | 21,669.23 | |
| Central Ontario rural power districts.. | 86,203.74 | |
| | | 1,347,299.26 |
| From the Central Ontario and Trent system, also Nipissing system and pulp mill..... | | 2,423,187.10 |
| | | <u>\$24,287,296.23</u> |
| From Hydro-Electric Railways— | | |
| Sandwich, Windsor & Amherstburg Ry. | \$1,158,710.72 | |
| Guelph Radial Railway..... | 115,310.19 | |
| | | 1,274,020.91 |
| Total revenue of the Commission..... | | \$25,561,317.14 |
| Revenue collected by the municipal electric utilities..... | | 26,376,465.09 |
| Aggregate revenue of the Commission and the municipal electric utilities..... | | <u>\$51,937,782.23</u> |
| *Deduct:— | | |
| Revenue from power supplied to municipal electric utilities..... | \$15,443,379.28 | |
| Hydro-Electric Railways..... | 106,010.97 | |
| (See footnote) | | 15,549,390.25 |
| Combined revenue..... | | <u>\$36,388,391.98</u> |

REVENUE OF COMMISSION

As usual the Commission is able to report that the revenue obtained from the consumers has been more than sufficient to meet the full cost of generating and transmitting the electrical energy as well as to provide for all operating expenses and the fixed charges of the municipal utility equipments.

The Commission collected from the municipal utilities and other customers, for power sold, a total sum of \$24,287,296.23. This sum was appropriated to meet all the necessary fixed charges and to provide for the expenses of operation and administration. After meeting all charges there was left a net surplus of \$940,663.07.

The following statement summarizes the Commission's collections from municipal electric utilities and other power customers for the year and shows how the collections have been appropriated:

| | | |
|--|-----------------|---------------------|
| Revenue from municipal electric utilities and other power customers..... | \$24,287,296.23 | |
| Appropriated as follows: | | |
| Operation, maintenance, administration, interest and other current expenses..... | \$16,489,620.67 | |
| Reserves for sinking fund, renewal of plant and equipment and contingencies..... | 6,857,012.49 | |
| | | 23,346,633.16 |
| Net surplus, after providing for all expenses and necessary fixed charges, credited to municipalities and shown in their accounts..... | | <u>\$940,663.07</u> |

*NOTE: This deduction is made due to the fact that the revenue of the municipal electric utilities is the source from which the Commission is reimbursed for the cost of power supplied to such utilities.

RURAL ELECTRIFICATION

During the past few years very substantial progress has been made in Ontario in the field of rural electrification. Practically all rural electrical service is now given through rural power districts which are operated directly by the Commission. There is now more than \$7,200,000 invested in the rural power district systems established by the Commission. Towards this rural work the Ontario Government, pursuant to its policy of promoting the basic industry of agriculture, has, in the form of grants-in-aid, contributed 50 per cent. of the costs of transmission lines and equipment, or about \$3,500,000. About 3,790 miles of transmission lines have been constructed to date, of which 929 miles were constructed during the past year, a mileage which exceeds that constructed in any former year. There are now more than 31,000 customers supplied in the rural power districts.

RURAL POWER DISTRICTS—OPERATIONS FOR YEAR 1928

| | Niagara system | Georgian Bay system | St. Lawrence system | Ottawa system | Central Ontario and Trent system and Nipissing system | Totals |
|--|-------------------|---------------------------|---------------------------|------------------|--|--------------|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Cost of power as provided to be paid under Power Commission Act..... | 406,789.20 | 17,791.12 | 8,643.48 | 5,358.91 | 34,011.85 | 472,594.56 |
| Cost of operation, maintenance and administration..... | 301,548.45 | 8,278.10 | 6,898.85 | 5,036.27 | 20,925.04 | 342,686.71 |
| Interest..... | 126,905.13 | 6,285.82 | 3,333.85 | 3,203.43 | 7,191.35 | 146,919.58 |
| Renewals..... | 107,703.56 | 4,656.41 | 2,605.91 | 2,687.03 | 6,013.54 | 123,666.45 |
| Obsolescence and contingencies..... | 161,555.34 | 4,656.38 | 2,605.92 | 1,343.51 | 3,091.24 | 173,252.39 |
| Sinking fund..... | 28,553.37 | 1,418.82 | 697.50 | 710.38 | ..... | 31,380.07 |
| Total expenses..... | 1,133,055.05 | 43,086.65 | 24,785.51 | 18,339.53 | 71,233.02 | 1,290,499.76 |
| Revenue from customers..... | 1,166,221.80 | 44,584.17 | 23,945.92 | 21,669.23 | 86,203.74 | 1,342,624.86 |
| Surplus..... | 33,166.75 | 1,497.52 | ..... | 3,329.70 | 14,970.72 | 52,964.69 |
| Deficit..... | ..... | ..... | 839.59 | ..... | ..... | 839.59 |
| Net surplus..... | ..... | ..... | ..... | ..... | ..... | 52,125.10 |

MUNICIPAL ELECTRIC UTILITIES

The following is a summary of the year's operation of the electric utilities of the municipalities which operate under cost contracts with the Commission:

| | |
|--|-----------------|
| Total revenue collected by the municipal electric utilities..... | \$26,376,465.09 |
| Cost of power..... | \$14,688,570.08 |
| Operation, maintenance and administration..... | 4,608,430.46 |
| Debenture charges and interest..... | 3,712,760.81 |
| Depreciation..... | 1,350,252.16 |
| Total..... | 24,360,013.51 |
| Surplus for the year, includes surplus from H.E.P.C..... | \$2,016,451.58 |

The above covers only the municipalities operating under cost contracts with the Commission.

RESERVES OF COMMISSION AND MUNICIPAL ELECTRIC UTILITIES

The total reserves of the Commission and the municipal electric utilities for sinking fund, renewals, contingencies and insurance purposes amount to \$76,280,929.60, made up as follows:

| | |
|---|-----------------|
| Niagara system..... | \$28,989,376.26 |
| Georgian Bay system..... | 1,417,747.44 |
| St. Lawrence system..... | 379,504.86 |
| Rideau system..... | 258,860.96 |
| Thunder Bay system..... | 954,005.63 |
| Ottawa system..... | 14,497.49 |
| Central Ontario and Trent system..... | 2,539,212.44 |
| Nipissing system..... | 182,415.74 |
| Bonnechere system..... | 13,774.82 |
| Service buildings and equipment..... | 499,137.91 |
| Hydro-Electric Railways..... | 140,803.90 |
| Insurance—Workmen's compensation and staff pension insurance..... | 2,156,246.41 |
| Total reserves of the Commission..... | \$37,545,583.86 |
| Total reserves of municipal electric utilities..... | 38,735,345.74 |
| Total Commission and municipal reserves..... | \$76,280,929.60 |

The consolidated balance sheet of the municipal electric utilities, on page 251, shows a total cash balance of \$1,342,367.07, and bonds and other investments of \$1,837,140.51. The total surplus in the municipal books now amounts to \$26,544,670.51, in addition to a depreciation reserve and sundry other reserves aggregating \$12,258,053.31.

The following is a brief summary of the principal operations relating to the several systems of the Commission:

NIAGARA SYSTEM

The Niagara system embraces all the territory lying between Niagara Falls, Hamilton, and Toronto on the east, and Windsor, Sarnia, and Goderich on the west, served with electrical energy generated at plants on the Niagara river.

There has been a steady increase in the number of consumers supplied in this district and also in the load supplied by the Commission to the municipalities. After a period of study of the operating characteristics of the canal and power plant with a view to obtaining the maximum efficiency and use of the development, it was decided to instal a tenth unit in the Queenston generating station.

Delivery of the first block of power from the Gattineau Power Company was made during October. This power is received by the Commission at the inter-provincial boundary on the Ottawa river and is transmitted over a 220,000-volt steel-tower transmission line to Leaside. The construction of a duplicate line in connection with this power supply will be undertaken during the coming year. In order to take care of the increasing demands in the western part of the Province, the Commission will construct during the coming year an additional 110,000-volt steel-tower line from Niagara Falls to St. Thomas.

The Commission in this system has a total capital investment of \$161,994,023.61 and accumulated reserves for renewals, sinking fund and contingencies aggregate \$28,989,376.26. In the rural power districts of this system, which are operated directly by the Commission, the revenue for the year from customers was \$1,166,221.80, and the total cost of supplying the

service was \$1,133,055.05, leaving a balance of \$33,166.75, which is placed to the credit of the districts in this system. The greater part of this surplus is returnable to the users in the form of reduced rates.

With respect to the electric utilities of the municipalities comprising this system, the actual cost of power during the year was \$732,022.84 less than the amounts of the interim bills. The municipal electric utilities operated with a net surplus of \$1,467,255.04 after providing \$1,158,141.85 for depreciation and \$1,450,453.85 for the retirement of installment and sinking fund debentures. Eighteen municipalities had deficits during the year, aggregating \$11,614.13. The total revenue of the municipal electric utilities in this system was \$22,175,128.19, an increase of \$1,384,021.54.

GEORGIAN BAY SYSTEM

The Georgian Bay system serves that portion of the Province adjacent to Georgian bay, inclusive of the entire counties of Bruce, Grey, Simcoe, Dufferin, and the district of Muskoka, as well as the northern portions of the counties of Huron, Wellington and Ontario, being the area north of the Niagara district and west of the Central Ontario district.

Electrical energy is obtained from five electrical developments and from a frequency changing station, through which a block of power is obtained from the Niagara system, all of which are tied together by a network of transmission lines. The combined capacity of these six sources of power approximates 22,000 horsepower. During the year the construction of a sixth development was undertaken at Trethewey Falls on the south branch of the Muskoka river with a turbine capacity of 2,300 horsepower which will probably be completed and placed in operation during the summer of 1929. Surveys were made respecting a seventh development for this district, on the Musquash river at Ragged rapids, and consideration is being given to the possibility of constructing a tie line to the Niagara system.

The results of the past year's operation were substantially better even than in 1927, which, up to that time, was the most successful year in the history of the system. A surplus was shown on the Commission's books from the sale of power to municipalities for every municipality on the system with the exception of one village, which showed a loss of about \$200. The total capital invested by the Commission in this system is \$5,546,340.02, and the accumulated reserves, inclusive of renewals, sinking fund, and contingencies aggregate \$1,417,747.44. The revenue for the year from the rural power districts on this system which are directly operated by the Commission, amounted to \$44,584.17, whereas the total cost of service was \$43,086.65, thus leaving a balance of \$1,497.52 to be placed to the credit of the system.

The results obtained during the year from the operation of the electrical utilities in the various municipalities have been most satisfactory. The total cost of power during the year was \$101,295.25 less than the total amount collected at the interim rates. The total net surplus for the year from the various municipal electrical utilities amounted to \$134,144.50 after providing \$48,301.40 for depreciation, and \$51,066.26 for the retirement of instalment and sinking fund debentures. Five small municipalities operated with an

aggregate loss of \$1,847.41, whereas the total combined surplus of the other municipalities comprising this system was \$135,991.91, and the total revenue collected was \$1,024,863.76.

ST. LAWRENCE SYSTEM

The St. Lawrence system serves the district along the St. Lawrence river from Brockville east, as well as a number of towns north of the river.

Power for this system is purchased from the Cedars Rapids Transmission Company, delivery being made near Cornwall, and during the past year connection was made to the Gatineau power source by a transmission line from Brockville to Ottawa, thus securing for the system an abundant supply of power for future growth.

The Commission in this system has a total capital investment of \$1,852,165.93 and accumulated reserves for renewals, sinking fund and contingencies aggregate \$379,504.86. In the rural power districts of this system, which are operated directly by the Commission, the revenue for the year from customers was \$23,945.92, and the total cost of supplying the service was \$24,785.51, leaving a debit balance of \$839.59.

With respect to the electric utilities of the municipalities comprising this system, the actual cost of power during the year was \$3,387.26 less than the amounts of the interim bills. The municipal electric utilities operated with a net surplus of \$33,043.86 after providing \$11,152.00 for depreciation and \$9,064.79 for the retirement of instalment and sinking fund debentures. Two municipalities in this system had a small deficit of \$516.84. The total revenue of the municipal electric utilities in this system was \$215,318.88.

RIDEAU SYSTEM

The Rideau system serves five urban municipalities. There has recently been organized a rural power district in the vicinity of Smiths Falls, which is expected to develop rapidly. This is the first rural power district in this system.

Power for this system is received from plants on the Mississippi river at High Falls and Carleton Place. Power is also purchased from the Rideau Power Company at Merrickville. The system will have reserve capacity from the Gatineau power line, through the 110,000-volt station erected in the vicinity of Smiths Falls. From this source, abundant supply of power will be available for the future growth of the system.

The Commission in this system has a total capital investment of \$1,189,021.46 and accumulated reserves for renewals, sinking fund and contingencies aggregate \$258,860.96.

With respect to the electric utilities of the municipalities comprising this system the actual cost of power during the year was \$12,404.72 less than the amounts of the interim bills. The various municipal electric utilities operated with a surplus of \$20,550.73 after providing \$9,510.00 for depreciation and \$13,192.47 for the retirement of debenture debt. There were no deficits. The total revenue of the municipal electric utilities in this system was \$224,795.54.

THUNDER BAY SYSTEM

The Thunder Bay system consists of the cities of Port Arthur and Fort William, and the village of Nipigon, situated in the district of Thunder Bay at the head of the Great lakes. Power for this system is obtained from a hydro-electric development at Cameron Falls on the Nipigon river about seventy miles east of Port Arthur.

The showing made by this system during the past year is most gratifying, as a surplus is shown in supplying power to the municipalities after providing liberally for contingency and renewal reserves, as well as interest and sinking fund charges.

Power in this district, apart from that utilized for ordinary domestic, commercial and municipal purposes, is largely employed by pulp and paper mills and terminal grain elevators in Port Arthur and Fort William. Although the pulp and paper industry passed through a period of depression last year on account of over-production, the greatest demand for power ever established in the district occurred during the month of November, 1928, and amounted to 65,000 horsepower. This exceeded the highest demand established during the previous year by approximately 18,000 horsepower. The city of Fort William, which passed through its second year of service from this system, made a much better showing than during the previous year, the average demand for power having increased by over 2,000 horsepower. The local electric utility in the municipality had a surplus for the year over and above all expenses, inclusive of depreciation of \$10,000.

The highest peak established by the city of Port Arthur during the year was 42,147 horsepower, being 12,360 horsepower greater than the highest peak for the preceding year, and the average demand for the year exceeded that for the year 1927 by 4,750 horsepower.

The Commission has, in the Thunder Bay system, a total investment of \$14,332,937.23, and accumulated reserves for renewals, contingencies, and sinking fund aggregating \$954,005.63. The total revenue of the municipal electrical utilities in the system was \$1,356,593.79, being \$179,641.19 greater than in 1927, and the total revenue collected by the Commission for power sold to the municipalities and private companies was \$1,145,031.55, or \$114,636.45 greater than for total collections from customers during 1927. The three municipalities served by this system operated with a net surplus of \$193,125.10 after providing depreciation to the extent of \$35,398.00 and \$22,882.10 for the retirement of debenture debt; all three showing large surpluses.

As the Cameron Falls development is now completely loaded, eight years after it was first placed in operation, the Commission is making a careful investigation as to the necessity for completing the Alexander development. This development will give an additional capacity of 54,000 horsepower.

OTTAWA SYSTEM

The Ottawa system comprises the city of Ottawa, the village of Richmond, and the Nepean rural power district. For many years Ottawa has been receiving power through the Hydro-Electric Power Commission from the plant of the

Ottawa and Hull Power Company. This Company is under contract to supply the Commission with 20,000 horsepower from its development in the city of Hull on the Quebec side of the Ottawa river opposite Ottawa. Both the Nepean rural power district and Richmond obtain their supply of power through the distribution system of the city of Ottawa, Richmond obtaining its power over the network of lines supplying the Nepean rural power district.

The power supply contracted for with the Ottawa and Hull Power Company is now all in use, and additional power is being obtained from the Gatineau Power Company by a special arrangement which employs the facilities of the generating plant of the Ottawa and Hull Power Company. Later, it is the intention to instal a 110,000-volt transformer station adjacent to the city.

CENTRAL ONTARIO AND TRENT SYSTEM

The Central Ontario and Trent system comprises the municipalities east of Toronto as far as Kingston, connected, through a network of transmission lines, to generating plants situated on the Trent and Otonabee rivers. An additional supply of power from the Gatineau Power Company has been made available through Smiths Falls by a transmission line connected at Kingston and an abundant supply of power has thus been obtained to meet the future growth of the system. Fifteen municipalities are under contract with the Commission for a supply of power, and own and operate their own distribution systems. Fourteen municipal electrical utilities are operated as Government properties.

For financial purposes, the Nipissing system referred to below, is included with the Central Ontario and Trent system. After operating, maintenance and interest charges were met out of the revenue from the system, the balance remaining was in excess of the sum required to meet in full the necessary amortization and depreciation reserves by \$12,390.50. The total reserves to date, provided out of earnings and held specifically for the benefit of the system, amount to \$2,721,628.18.

NIPISSING SYSTEM

This system serves the district adjacent to and inclusive of the city of North Bay, the town of Powassan, and the villages of Callander and Nipissing, adjacent to the eastern end of lake Nipissing. Two hydro-electric developments serve this system; both are situated on the South river, one at Nipissing and the other at Bingham Chute. During the year the Commission has undertaken a third development at Elliott Chute, a short distance above the Bingham Chute plant. The capacity of the new development when completed will be 1,800 horsepower and it is expected that it will be placed in operation in the late summer of 1929. Due to a steady increase in demand for power at North Bay an additional circuit was constructed on the existing transmission line from the Bingham Chute development to the city limits, and arrangements were made for providing a second substation inside the city limits.

THE ANNUAL REPORT

The Table of Contents, pages xxi and xxii, conveys a good understanding of the scope of the matters dealt with in the Report, to which there is also a comprehensive Index. To those not conversant with the Commission's Reports the following notes will be useful.

In Section II, pages 6 to 49, dealing with the Operation of the Systems, are a number of interesting diagrams showing, graphically, the increase in the loads on the various systems. Tables are also presented showing the amounts of power taken by the various municipalities during the past three years.

The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section III, on pages 60 to 72. The power distributed to rural districts is, and possibly must always be, but a relatively small proportion of the power distributed by the Commission. The supplying of electrical service in rural areas, and especially on the farm, has, however, been of great economic benefit to Ontario. The Provincial Government grants-in-aid to this work have been of value to agricultural activities, and have assisted the Commission to extend transmission lines to many areas.

In Sections IV, V and VI will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

About three-fifths of the Report is devoted to statistical, financial data which are presented in two Sections, IX and X.

Section IX presents in summary form the financial statements relating to the operations of the Commission in the generation, transformation and transmission of electrical energy to the co-operating municipalities. It is introduced by an important explanatory statement which appears on pages 113 to 117, to which special reference should be made.

Section X presents in summary form the financial statements relating to the operations of the municipalities in the localized distribution of electrical energy to consumers. It also contains details of the costs of electrical energy to consumers in the various municipalities and tabular statements of the rates in force which have produced these costs. An explanation of the various tables and statements is given at the commencement of this Section on pages 245 to 247; and a special introduction to Statement "D," which relates to the cost of electrical service in Ontario, together with a diagram, appears on pages 354 to 357.

In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements descriptive of the operations of the Commission in various branches of its work are suitably placed throughout the Report in order that the citizens of the Province may be kept fully informed upon the working-out of the Commission's policies.

WATER RENTALS AND CERTAIN ADVANCES FROM THE GOVERNMENT

It is gratifying to be able to report that the Commission has reached a settlement with the Government of the Province on all outstanding questions in respect to water rentals to be paid by the Commission, including unpaid

balances claimed from January 25, 1922, to date, and in respect to the repayment of certain monies that had been advanced to the Commission and carried by the Province, during the period January 1, 1909, to October 31, 1925, and had been used for purposes incidental to the establishment and ultimate benefit of the power systems.

Both of these matters were finally settled and the Government is now completing all the leases to which the Commission is entitled. Further, a clear understanding has been reached as to the terms and conditions upon which additional leases required by the Commission for water privileges will be issued. It is a source of satisfaction to the Commission to be able to report that the undertaking is now absolutely free of all obligations to the Government of the Province, other than advances on account of capital upon which sinking fund payments and interest, as provided by law, are being promptly paid as they become due.

RESERVES AND POWER RATES

As the accounts reveal, the Commission's reserves are increasing most satisfactorily. As late as 1925 these showed an increase over the previous year of about three and a half million dollars. In the year just closed the reserves would have shown an increase of fully eight million dollars were it not for the payments made to the Province in order to complete the settlements above referred to.

The absolute necessity for building up strong reserves in any Hydro-electric enterprise cannot too strongly be stressed, especially where power from sources of supply will have to be transmitted considerable distances. The Commission believes it has the unanimous support of the municipalities in such a policy, and especially so long as the favorable rates established by the Commission are maintained. The Commission realizes that there are a few places where, due to special local conditions, the rates are high compared with the vast majority of communities served by the Commission.

The endeavor of the Commission is not the concentration of industry at a few large power sites, but rather the broader policy of making as widespread a distribution of electrical energy as is economically possible. Such a policy stimulates industrial and commercial activity and results in a province-wide production of wealth, thereby adding to the general comfort and welfare of the people. In this connection the extension of rural lines—now about 1,000 miles yearly—plays an important part in the work of the organization. The Commission is aware that there are some who feel more should be done by way of lower rates in certain rural communities. It must, however, be remembered that every enterprise, great or small, goes forward through a process of evolution—a year to year growth—and I am quite confident that inequalities which appear from time to time will be satisfactorily removed under the supervision of the Commission, and with the co-operation of the municipal systems, all of which have the single purpose of providing the consumer with the best possible service.

ACKNOWLEDGMENTS

This report would be quite incomplete without an acknowledgment of the loyal support of all employees. This is no formal statement. Occasionally it is charged that this municipally-controlled organization suffers because of the

lack of a directorate having a financial interest in the property. After three years' experience as Chairman, I confess that this feature does not concern me. The capacity and sincerity of purpose of the staff and others in every organization is, after all, what enables the best results to be obtained. It gives me much pleasure to pay this tribute to those carrying on the work of this hydro-electric enterprise throughout the vast areas of this Province. At the same time I must point out that such a fine sense of duty can only be maintained in the organization so long as those representing the people in the Legislature and elsewhere make it clear, at all times, that the services of the employees of this hydro-electric power enterprise are fully appreciated.

To the Press of the Province, the Commission again wishes to express its appreciation for the support and service given to this extensive public undertaking.

Respectfully submitted,

CHARLES A. MAGRATH,

Chairman.

TORONTO, ONTARIO, March 31st, 1929.

CHARLES A. MAGRATH, ESQ.,

Chairman, Hydro-Electric Power Commission of Ontario,

Toronto, Ontario.

SIR,—I have the honour to transmit herewith the Twenty-first Annual Report of the Hydro-Electric Power Commission of Ontario for the fiscal year ended October 31st, 1928.

I have the honour to be,

Sir,

Your obedient servant,

W. W. POPE,

Secretary.

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TWENTY-FIRST ANNUAL REPORT OF THE Hydro-Electric Power Commission of Ontario

SECTION I

LEGAL

At the 1928 Session of the Legislative Assembly of the Province of Ontario, The Power Commission Act, 1928, was passed. It appears in the Statutes of Ontario for 1928 as Chapter 19 and is reproduced in full in Appendix I to this report.

The agreements between the Hydro-Electric Power Commission of Ontario and the Municipalities and Corporations mentioned in the list hereunder given were approved by Order-in-Council dated the 13th day of January, 1927.

TOWNS

| | |
|------------------|----------------|
| Amherstburg..... | Mar. 22, 1926. |
| La Salle..... | Nov. 17, 1925. |

VILLAGES

| | |
|--------------------|----------------|
| Fonthill..... | Mar. 26, 1926. |
| Richmond Hill..... | Nov. 2, 1925. |
| Russell..... | Aug. 26, 1925. |

TOWNSHIPS

| | |
|-----------------------|-----------------|
| Adelaide..... | Feb. 22, 1926. |
| Aldborough..... | Jan. 11, 1926. |
| Bayham..... | Nov. 2, 1925. |
| Burford..... | July 16, 1925. |
| Charlotteville..... | Sept. 14, 1925. |
| Colchester North..... | May 4, 1925. |
| Dunwich..... | Nov. 2, 1925. |
| Elma..... | Sept. 30, 1925. |
| Goderich..... | Nov. 2, 1925. |
| Grey..... | Feb. 8, 1926. |
| Gwillimbury East..... | Nov. 5, 1925. |
| Innisfil..... | June 8, 1925. |
| Melancthon..... | Sept. 24, 1925. |

TOWNSHIPS—Continued

| | |
|--------------------|-----------------|
| McKillop..... | May 30, 1925. |
| Morris..... | April 6, 1925. |
| Morrison..... | Mar. 20, 1925. |
| Nelson..... | Oct. 5, 1925. |
| Nichol..... | Oct. 2, 1925. |
| North Grimsby..... | April 10, 1926. |
| North Norwich..... | May 23, 1925. |
| Oneida..... | May 30, 1925. |
| Orillia..... | April 6, 1925. |
| Pickering..... | Aug. 4, 1925. |
| Pilkington..... | Nov. 5, 1925. |
| Rainham..... | Mar. 2, 1925. |
| Rama..... | May 4, 1925. |
| Russell..... | Mar. 1, 1926. |
| Tilbury North..... | Jan. 11, 1926. |
| Townsend..... | Aug. 17, 1925. |
| Toronto Gore..... | Mar. 1, 1926. |
| Trafalgar..... | June 13, 1924. |
| Uxbridge..... | May 23, 1925. |
| Wainfleet..... | April 7, 1925. |
| Walpole..... | July 18, 1925. |
| Whitchurch..... | Jan. 11, 1926. |
| Wilmot..... | Feb. 16, 1925. |
| Windham..... | Aug. 15, 1925. |

CORPORATIONS

| | |
|--|-----------------|
| American Cyanamid Company..... | April 25, 1925. |
| Canada Creosote Company..... | July 22, 1925. |
| Canadian National Railway Company..... | Feb. 1, 1925. |
| Cooksville Shale Brick Company, Ltd..... | April 30, 1925. |
| William Couse..... | Oct. 30, 1925. |
| Daverin Paper Mills, Ltd..... | June 29, 1925. |
| Department of Provincial Secretary, Boys' Training School, Bowmanville..... | Aug. 20, 1925. |
| The Department of Lands and Forests..... | Sept. 1, 1924. |
| Flavelles, Ltd..... | July 18, 1925. |
| Gananoque Spring and Axle Company, Ltd..... | Oct. 29, 1925. |
| His Majesty the King, represented herein by The Minister of National Defence of the Dominion of Canada..... | June 20, 1925. |
| His Majesty the King, represented herein by The Minister of National Defence of the Dominion of Canada (Electric Pumps)..... | June 20, 1925. |
| The Hastings Paper Company, Ltd..... | Oct. 15, 1924. |
| The Hecker-H O Company of Canada, Ltd..... | Aug. 17, 1925. |
| Alice R. Hope (The Dominion Wholesale Manufacturing Company)..... | Dec. 29, 1925. |
| Horn Brothers Woollen Company, Ltd..... | Jan. 12, 1925. |
| The Interprovincial Brick Company of Canada, Ltd..... | May 12, 1925. |
| E. O. Leahey and Company, Ltd..... | Mar. 5, 1926. |
| Ontario Rock Company, Ltd..... | Oct. 2, 1925. |
| National Castings, Limited..... | May 26, 1925. |
| The Nichols Chemical Company, Ltd..... | Feb. 9, 1925. |
| Nut Krust Bakeries, Limited..... | April 1, 1925. |
| Ontario Paper Company, Ltd..... | Jan. 1, 1926. |
| Oriental Textile Company..... | June 6, 1925. |
| S. G. Parkin..... | Mar. 1, 1925. |
| Pedlar People, Limited..... | June 8, 1925. |
| E. W. Reid and Son..... | Dec. 21, 1925. |
| The Roy Wolfe Brewing Company..... | May 21, 1925. |
| William R. Dawson, and Roy Chapman (Dawson and Chapman)..... | Oct. 21, 1925. |
| Township of Grantham..... | April 18, 1924. |
| “ North Norwich..... | May 23, 1925. |
| “ South Norwich..... | May 4, 1925. |
| “ Townsend..... | Aug. 17, 1925. |
| “ Vaughan..... | Dec. 15, 1924. |
| Township of East York and Township of York, varying an Agreement between the Commission and the Township of York dated the 22 May, 1919..... | May 30, 1925. |

The Year's Activities

The past year has been a busy one with the Commission's Legal Department. Routine activities have dealt with several important matters such as Toronto Power Company affairs, radial railway problems, power rights, litigation, matters connected with crossings and the joint use of poles, street lighting in smaller communities, and the usual kinds of enquiries from municipal officials respecting the legal aspects of various matters arising in connection with their "Hydro" utilities.

Apart from the statutory enactment noted above, other legislation required attention and consideration. The Public Utilities Act was amended and The Electricity Inspection Act was re-cast and extensively revised.

Negotiations for the second contract for the purchase of power from the Gatineau Power Company were consummated. The terms were finally settled and the contract approved by Order-in-Council. This contract is for sixty-cycle power and will greatly assist the Central Ontario and Trent and other systems in the eastern part of the Province.

A number of agreements were negotiated for Commission's wires crossing over railways and lines of other companies.

Contracts were completed from time to time for purchase of electrical equipment. Some of these involved large amounts such as those in connection with the Gatineau power. Contracts were also drawn for the purchase of hydraulic equipment required at different points. Suitable contracts were drawn for the construction of a highway bridge over the Queenston-Chippawa power canal and for the construction of an undercrossing under one of the railways at another point along the said canal.

Municipal cost contracts were completed with eight new municipalities which during the year joined the "Hydro" undertaking. Some thirty rural power contracts were completed with townships for rural distribution of power by the Commission. A number of contracts were made with industrial consumers, some for substantial blocks of power. Contracts were also made with several industries for off-peak power. Some of the standard forms for sale of power were modified to incorporate recent revisions in the legislation and to include other changes shown from experience to be desirable.

Transfers were made of a few local systems and the necessary documents were drawn and executed. In a number of cases transmission lines were transferred to rural power districts, equalizing the service to the rural customers in the locality.

Right-of-Way

The extension of rural power lines has proceeded very rapidly in different parts of the province during the year. This work has required the securing of approval of the Commission's plans by a large number of commissions and municipalities having control of the various classes of roads, for the location of pole lines on public roads, as well as for the securing of rights for line locations from private owners where it did not prove advantageous to place the lines on the highways. The securing of such rights as well as tree trimming and the settlement of damage claims has been proceeded with in the following rural power districts:—Aylmer, Ayr, Beamsville, Beaumaris, Belleville, Blenheim, Bond Lake, Brampton, Brockville, Brant, Chesterville, Caledonia, Clinton, Cobourg, Dorchester, Drumbo, Dundas, Grantham, Ingersoll, Keswick, Kingston, London, Markham, Milton, Mitchell, Nepean, Oshawa, Peterboro, Port Hope, Preston, Ridgetown, Saltfleet, Sandwich, Scarboro, Simcoe, St. Mary's, Streetsville, Tara, Tilbury, Wallaceburg, Waterford, Welland, Wellington, Woodbridge, Woodstock.

Low-Tension Lines

Right-of-Way and settlements covering pole rights, tree trimming, damage claims, etc., have been secured on the following low tension lines during the year:—

Toronto to Oshawa,
Belleville transformer station to Canadian
Industrial Alcohol,
Napane to Kingston,
Newcombe junction to Welcome junction,
Port Hope to Newcastle.
Bowmanville to Oshawa,
Whitby junction to Whitby municipal station,
Oshawa to Port Hope,

Burford to Waterford,
Mount Vernon to Burford line,
Sebringville to Milverton,
Seaforth to Clinton,
Mitchell to Listowell,
Palmerston to Moorefield,
Stratford to Goderich,
Preston to Hespeler,
Guelph to Rockwood,

Cross & Wellington junction to Cross & Wellington line,
 Holyrood to Lucknow,
 Waubaushene to South Falls,
 Trethewey Falls to South Falls,
 Hanna Chute to South Falls,
 Chesterville to Finch,
 Brockville to Athens,
 Morrisburg to Prescott,
 Dominionville junction to Alexandria station,
 Hamilton to Guelph,
 Kitchener to Stratford,
 Woodstock to Ingersoll,
 St. Thomas station to Kent station,
 St. Thomas to Sarnia,
 Brant to Brantford,
 Toronto to Dundas,
 Kent transformer station to Wallaceburg distributing station,
 Essex to Windsor,
 Essex station to Ford junction,
 Mimico Creek to Davenport,
 Toronto to Bridgman Avenue transformer station,
 Queenston development to Welland canal,
 Pelham junction to Nelson junction,
 Pelham to St. Thomas,
 Simcoe junction to St. Williams distributing station,

Broughdale junction to Ailsa Craig junction,
 Mitchell to Moncton,
 Dorchester to Thamesford,
 Hagersville to Jarvis,
 Simcoe junction to St. Williams distributing station,
 Fletcher to Merlin,
 Ridgetown to Rondeau Park,
 Bothwell junction to Wallaceburg junction,
 Tilbury to Comber,
 Streetsville to Britannia Corners,
 Cooksville to Brampton line,
 Etobicoke creek to Centre Road, Port Credit,
 Sarnia to Courtright line,
 Barrie to Midland,
 Barrie to Penetang,
 Waubaushene to Midland,
 Beaverton to Brechin,
 Callander to North Bay,
 Elliott Chute to Bingham,
 Thorold junction to Lincoln junction,
 Weston junction to Weston municipal station,
 Leaside junction to Sun Brick Company junction,
 Dundas junction to Lynden distributing station,
 Camp Borden to Barrie distributing station,

Substation Sites

Sites have been purchased for new substations at the following places:—
 Beaumaris, Innisfil, La Salle, Merlin, Oshawa, Rondeau, Scarborough, Smiths Falls.

Flooding Rights

The purchase of dam sites and flooding rights has been commenced in connection with development work at the following places:—

Elliott Chute on South river in connection with the Nipissing system.

Trethewey Falls on the Muskoka river in the Muskoka system.

This Work will be proceeded with and completed during the ensuing year.

Gatineau High-Tension Line

The purchase of tower rights for the Gatineau line has been practically completed, and settlements covering clearing rights as well as the usual claims for damages to crops, fences, etc., have nearly all been disposed of. There are only a few of these claims now outstanding.

New High-Tension Lines

During the year new high-tension lines were projected and carried to completion as follows:—

1. **From a point on the Ottawa River to Smiths Falls:** This line from the Ottawa river to the point where it crosses the Canadian National Railway was of steel-tower construction, for which land comprising the right-of-way was purchased. This necessitated buying thirty-two separate parcels of land.

From the Canadian National Railway crossing to Smiths Falls the line was of double, wood-pole construction. Nearly all this right-of-way has been secured, and the majority of incidental claims have been settled.

2. From Smiths Falls to Kingston: This line is of steel-tower construction, and the right-of-way has been nearly all secured.

3. From Smiths Falls to Brockville: This line is constructed of double wood poles, and the work of securing right-of-way is well advanced.

A steel-tower line connecting the new Leaside transformer station with Davenport transformer station, located partly on the Canadian Pacific Railway right-of-way and partly on private properties, has also been completed. This line links up the Gatineau line with the Niagara system. The purchase of this right-of-way through the city of Toronto was quite involved, but has been successfully completed.

A few parcels of property no longer required by the Commission have been disposed of.

Negotiations for a number of leases for offices in connection with rural power districts, and electrical inspection work have also been completed.

In quite a number of cases the new transmission lines, both rural and high-tension, have crossed navigable waters controlled by the Dominion Government. In all such cases it has been necessary to secure the permission of that government as well as licenses of occupation from the Provincial Government.

On account of the Provincial Department of Highways continuing its work of improvement on the various highways it has been found necessary to arrange with that department for the moving of poles in different places.

SECTION II

OPERATION OF THE SYSTEMS

On all systems conditions generally have been favourable for operation and maintenance notwithstanding increasing loads, and it has been possible to give a satisfactory and practically continuous service.

The growth of load has been encouraging and indicative of good industrial conditions. Peak loads on every system show an increase over the previous year, and the total energy used was greater on all systems except the Thunder Bay system where the closing down of large mills materially reduced the total load for the year. Graphs are given in this section of the Report showing the peak loads on each system from month to month. The total load of the Commission, excluding any export power, increased during the year by 310,000,000 kw-hr.

Compared with the previous year's increases the figures appear even more favourable, particularly on the Georgian Bay system where last year's increase was 9,460,000 kw-hr. compared with the previous year's increase of 2,970,000 kw-hr.; on the Central Ontario system where last year's increase was 16,420,000 kw-hr. against the previous year's 4,780,000 kw-hr.; and on the Niagara system where (excluding any export power) this last year's increase was 283,900,000 kw-hr. compared with the previous year's figure of 135,300,000 kw-hr.

The table of total power generated and purchased shows that the energy generated by the Commission's plants this year passed the four billion mark, the total being 4,104,000,000 kw-hr., an increase in the year of 200,000,000 kw-hr. The energy purchased during the year increased from 201,000,000 to 236,000,000 kw-hr. an increase of 35,000,000 kw-hr. Out of this increase in purchased power, about 5,600,000 kw-hr. were required for the Ottawa system and 5,700,000 for the St. Lawrence system, representing the increased load on these systems above the previous year, both of the systems being entirely dependent on purchased power to take care of any growth in the load. The balance was mainly for the Niagara system, in this case representing but a small portion of the growth of the load on the system, which, exclusive of export power, amounted to 283,900,000 kw-hr. The Georgian Bay system required an increased supply from outside sources of 1,640,000 kw-hr., the system's own generating plants increasing their output by 7,820,000 kw-hr. to take care of the growth of load on the system.

As shown by the figures for plant capacity and load carried, all plants of the Commission have been heavily loaded. On the Niagara system the output of the Queenston plant was increased 171,000,000 kw-hr. and the output of the Ontario Power plant 23,000,000 kw-hr. This increased output was made possible by the system of load-dispatching adopted, which has distributed the load so as to secure the greatest possible output from the water available. The Toronto Power plant output was slightly reduced, to the extent of 7,000,000 kw-hr., this reduction being made because of the lower efficiency of this plant, the load dispatchers endeavouring to distribute the load as far as possible to the plants which produce the most power from the least water. The lower efficiency referred to results from the original design and the lower head of water at the Toronto Power plant, the equipment being maintained in a state of good efficiency.

The generating plants on the northern and eastern systems in general show heavier loads than last year. Favourable water conditions have been a large factor in making this increased output possible. The stream flow in all parts of the Province where the Commission has generating plants has been higher than normal, and well sustained throughout what is usually the dry season during summer and fall. In fact, this year conditions were somewhat reversed from recent years, and instead of the Operating department having to cope with inadequate water supply, they were troubled with excessive stream flow, resulting in the actual flooding of two power houses and at times reducing the capacity of various generating plants by the high level of the water in the tail races. This latter trouble was not serious, occurring mostly at times when there was surplus generating capacity.

To avoid misunderstanding of what may seem like a contradiction in the references above to heavily loaded plants and surplus generating capacity, it may be worth while explaining some of the forms of surplus capacity which may be mentioned in this Report and elsewhere. In order to give a reliable and continuous service a certain amount of extra equipment must be provided above maximum load requirements to permit units being taken out of operation for inspection and repair without interrupting service. When such equipment has been put in efficient condition, and if no other apparatus develops defects, a temporary surplus capacity may exist for an uncertain period of time. Another form of surplus capacity arises out of the necessity of providing sufficient generating plants to meet load requirement when stream flow conditions are normal or low. An exceptionally favourable year for precipitation, such as the past year, thus provides a certain surplus generating capacity.

A third form of surplus capacity arises out of the seasonal and hourly variation in the use of power. This is the form usually referred to as off-peak power. In the fall and winter when factories are busy and the lighting load comes on before the factories and stores close, there is a particularly heavy demand for power around five o'clock. Equipment adequate to generate, transform and distribute enough power to meet this demand implies a surplus capacity during other seasons when this overlap in demand does not exist. There is also the weekly reduction in load from Saturday noon or evening until Monday morning, and the daily reduction between 11.00 p.m. and 7.00 a.m., when most factories do not use power.

TOTAL POWER GENERATED AND PURCHASED

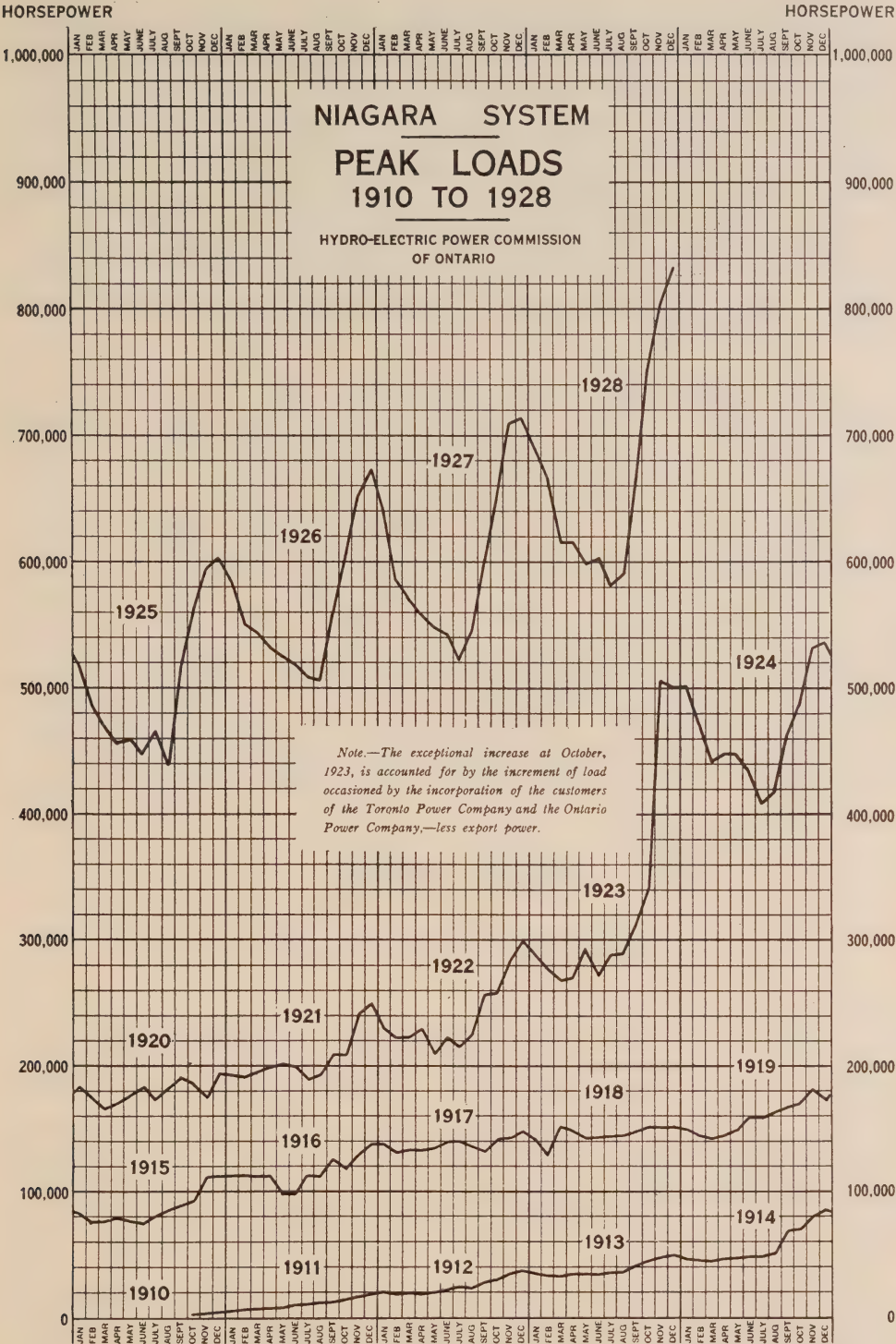
| Plant | Normal operating capacity Oct. 31, 1928 horsepower | Peak load during fiscal year 1927-1928 horsepower | Total output during fiscal year 1927-1928 kilowatt-hours |
|---|--|---|--|
| HYDRO-ELECTRIC GENERATING PLANTS | | | |
| Niagara: Queenston plant..... | 522,790 | 529,469 | 2,705,236,000 |
| Niagara: "Ontario Power" plant..... | 183,650 | 182,574 | 752,471,400 |
| Niagara: "Toronto Power" plant..... | 147,450 | 141,019 | 181,520,000 |
| Sidney, Dam No. 2..... | 4,020 | 4,960 | 19,531,200 |
| Frankford, Dam No. 5..... | 3,485 | 4,021 | 14,222,650 |
| Meyersburg, Dam No. 8..... | 6,430 | 8,150 | 23,249,430 |
| Hague's Reach, Dam No. 9..... | 4,500 | 4,826 | 15,040,580 |
| Ranney Falls, Dam No. 10..... | 9,650 | 10,992 | 38,745,540 |
| Seymour, Dam No. 11..... | 4,020 | 4,397 | 17,852,000 |
| Heely Falls, Dam No. 14..... | 12,060 | 15,684 | 34,153,260 |
| Auburn, Dam No. 18..... | 2,010 | 2,574 | 9,931,770 |
| Fenelon Falls, Dam No. 30..... | 1,000 | 978 | 1,666,440 |
| Cameron Falls..... | 75,000 | 57,003 | 200,338,600 |
| Big Chute..... | 5,700 | 5,845 | 18,047,040 |
| Eugenia Falls..... | 7,300 | 7,453 | 17,296,600 |
| Wasdells Falls..... | 1,200 | 1,220 | 4,370,280 |
| South Falls..... | 5,200 | 5,823 | 26,406,960 |
| Hanna Chute..... | 1,500 | 1,608 | 7,322,400 |
| High Falls..... | 2,400 | 2,949 | 7,118,000 |
| Carleton Place..... | 428 | 402 | 59,224 |
| Nipissing..... | 2,346 | 2,346 | 7,973,570 |
| Bingham Chute..... | 1,200 | 1,295 | 1,984,640 |
| | 1,003,339 | 995,588* | 4,104,537,584 |

POWER PURCHASED

| | Contract amount horsepower | Peak horsepower | Total purchase kilowatt-hours |
|---|----------------------------------|--------------------|----------------------------------|
| Canadian Niagara Power Co..... | 20,000 | 21,582 | 99,210,000 |
| Gatineau Power Co.—25 cycle..... | 80,000 | 93,834 | 31,121,000 |
| Orillia Water, Light & Power Commission†..... | ..... | 1,863 | 23,470 |
| C.P.R. plant, Port McNicoll..... | 1,072 | 1,072 | 9,300 |
| Owen Sound steam plant..... | 900 | ..... | ..... |
| Rideau Power Co..... | ..... | 911 | 2,847,240 |
| Ottawa & Hull Power & Mfg. Co..... | 20,000 | 20,000 | 63,852,514 |
| Gatineau Power Co.—60 cycle..... | 6,000 | 241 | 157,886 |
| Cedars Rapids Power Co..... | 8,700 | 9,896 | 37,327,000 |
| Campbellford Water & Light Commission†..... | 1,876 | 2,279 | 2,368,500 |
| Peterborough Hydraulic Power Co†..... | ..... | 2,279 | 41,840 |
| Canadian General Electric Co. .... | ..... | ..... | 2,300 |
| Corporation of Fenelon Falls†..... | ..... | ..... | ..... |
| Total purchased..... | 138,548 | 153,957* | 236,961,050 |
| Grand total, 1928..... | 1,141,887 | 1,149,545* | 4,341,498,634 |
| Grand total, 1927..... | 1,073,680 | 1,019,035* | 4,106,234,458 |
| Increase..... | +68,207 | +130,510* | +235,264,176 |

*Peak totals given are direct sums of plant peaks as shown, without allowance for diversity in time. Therefore these totals do not indicate the demands on the various systems where there is more than one plant supplying power.

†Reciprocal arrangement for surplus power.



For any one or more of the above reasons a plant or system may be loaded to the limit of its capacity and yet at certain hours or seasons have a certain surplus. Efforts are made to utilize part of the seasonal variation for maintenance purposes, as equipment may be taken out of service during the spring and summer without affecting the reduced load at that time; also to take advantage of the daily and weekly variation in load to carry out minor jobs of maintenance or inspection which can be completed in the limited time before load demands again require the equipment in service. Efforts are also made to sell the surplus power during the seasonal or daily low-load periods, but there are only a limited number of industries which can operate on this uncertain basis, subject to shutdown for lack of power during the hours when other factories are busy, and on all systems a certain surplus exists at times, no matter how heavily loaded they may be.

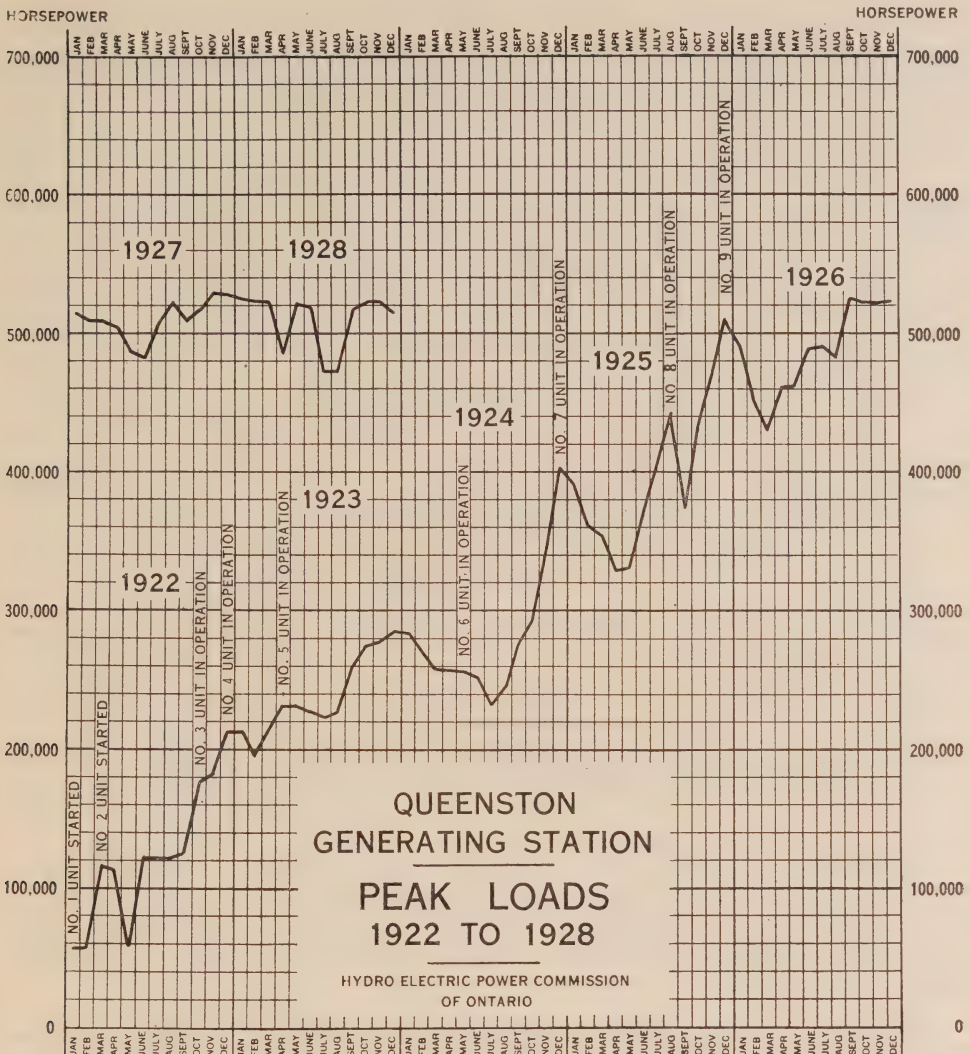
In the past year the favourable water flow on the northern and eastern systems enabled maintenance work to be carried out much more continuously and conveniently than would otherwise have been possible, and has relieved a certain anxiety regarding the ability of the plants to meet the load demand in the autumn of 1928. The plants generally are in a good state of efficiency and the stream flow at the end of the fiscal year together with the amount of water in storage in the head lakes gives every prospect of a favourable water supply for the heavy load during the fall and winter of 1928-29. While the Niagara system is not affected by precipitation and storage, the water used being dependent on treaty rights, the supply of power from the Gattineau river which commenced October 1, 1928, has relieved conditions there during the one month in which power has been supplied, but the amount of power for 1928-29 covered by the new contract is not sufficient to supply the additional load on the system so that there is no prospect of reduction in the load on the plants at Niagara which are already operating close to their maximum capacity.

NIAGARA SYSTEM

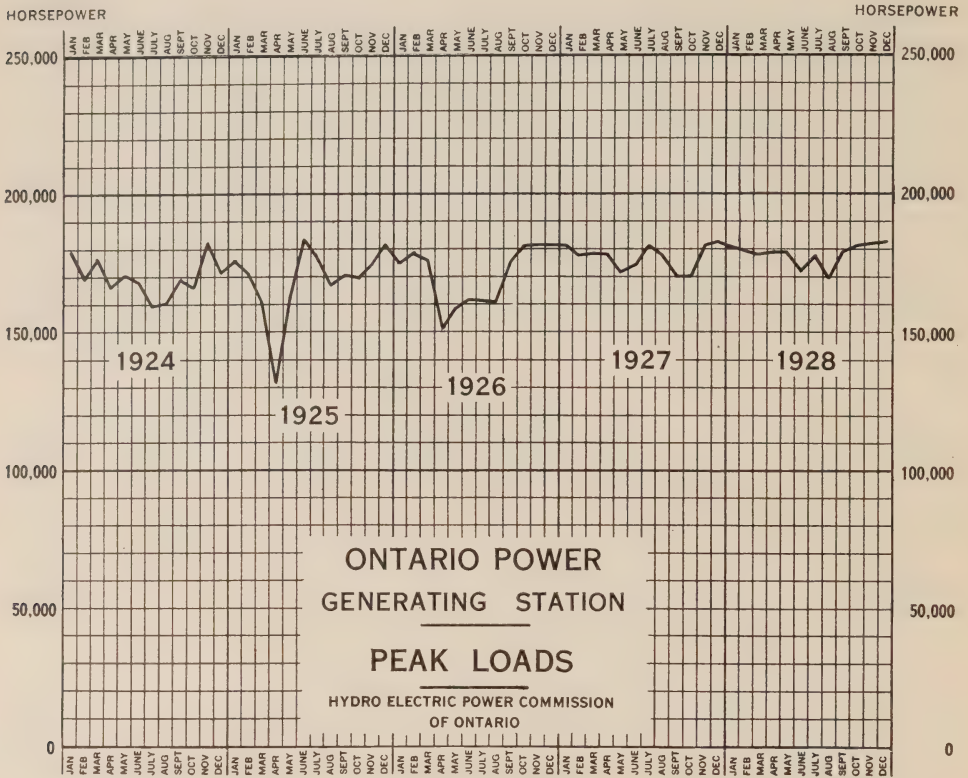
Queenston Generating Station

Queenston plant has continued to carry load at high load-factors, as shown by the figures for the total output, and has never been completely off the line during the year. On account of the plant's efficiency in the ratio of output to water consumption, the same policy of load distribution as in the preceding year has been followed, that is, Queenston has carried as much as possible of the steady load, the other plants carrying the peaks or excess demand. This method of operation requires constant attention and care in switching loads so as to permit the greatest possible amount of power to be generated from the water available, but the results have been a greatly increased total output and revenue.

From the first of November to the latter part of March no major maintenance work was undertaken as all of the generators were required for service. Routine maintenance was carried out on such equipment as could be removed temporarily from operation without interfering with the output of the plant.



On March 26 one coil failed in generator No. 5, damaging two other coils. The usual seasonal reduction in load rendered the temporary reduction in plant capacity of less importance than if it had occurred earlier. All coils were removed and a spare set installed, an additional bracing ring being added. While the generator was shut down for this purpose all parts of the unit were inspected and repairs made where needed, including welding of the turbine runner, installation of new turbine seal rings and draft tube lower seals, adjustment of turbine guide bearings, etc. The draft tube cone, 24 feet in diameter at the base and 8 feet high, was found to have disappeared together with most of the floor which was undermined to a depth of 12 feet at one point. The floor was replaced with heavily reinforced concrete and the cone reconstructed in such a manner as to preclude the possibility of a recurrence of this trouble. This work had to be rushed to completion so as not to delay the return of the generator to service, which was effected May 14.



Following the work on No. 5 generator, the windings of No. 4 generator were replaced to prevent similar trouble developing, the re-conditioned coils from No. 5 generator being used. The turbine and other parts of the unit were overhauled during this shutdown, the work being finally completed and unit back in service July 29.

On July 17 trouble in No. 7 generator developed into a fire which damaged some fifty coils. Similar repairs were made to this unit as to No. 4 and No. 5, re-conditioned coils removed from No. 4 generator and from No. 7 generator being used to replace the original winding. The top of the cone in the draft tube in No. 7 unit was cut off and a cast-iron cap installed, somewhat reducing the height of the cone. All work on this unit was completed and it was returned to service September 23.

During the summer draft tubes were unwatered and a careful inspection made of the concrete below the water line. With the exception of No. 5 unit, as mentioned above, all were found in excellent condition.

The turbine guide bearings on all units were re-blocked and re-fitted to the shafts.

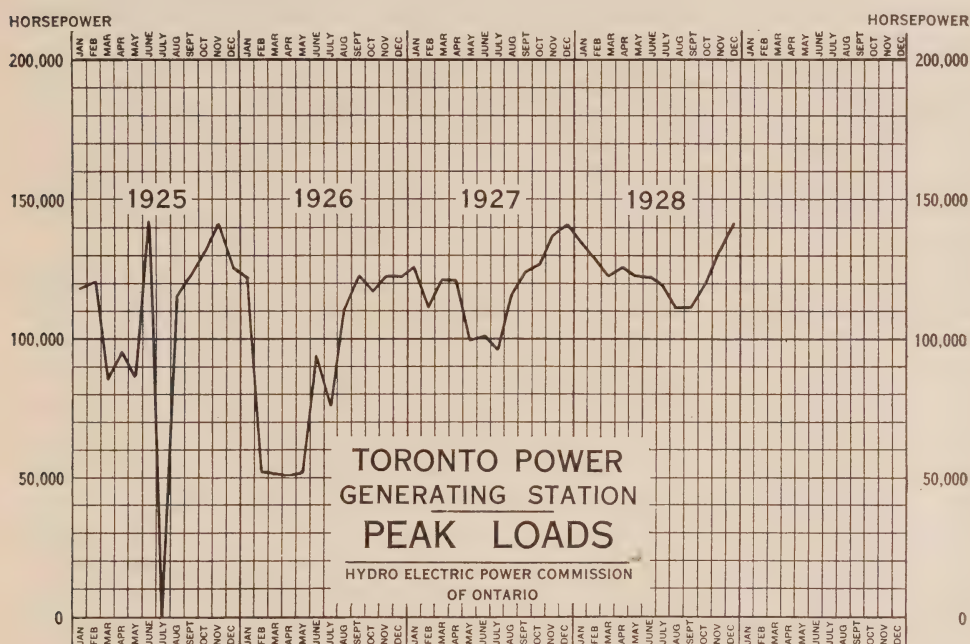
A number of the roof-entrance bushings on the 110,000-volt lines had the compound filling replaced by oil, work being carried out as demands for power permitted. This work will be continued until all bushings are changed.

Ontario Power Plant

No serious troubles were experienced in the operation of the plant during the year. On April 15, coils in No. 4 generator broke down under load and were repaired and returned to service on April 21. No. 7 generator was removed from service in May for a general overhauling and to install a new turbine runner. No. 14 generator was removed from service in July for the same purpose.

At the screen house a new gallery was installed along the east curtain wall to facilitate the dislodging of ice collecting there during the winter months. Alterations were also made to the inner forebay which have made much easier the disposal of the ice collecting at this point. A large number of stop-logs have been armoured, which greatly increases their life.

The regular inspection and repair of all power-plant equipment was carried out as usual, keeping the plant in good operating condition.



Toronto Power Plant

There were no generator failures at this plant during the year. Turbines Nos. 3 and 5 were given a general overhauling and all worn parts repaired or renewed. Maintenance work was also done on turbines Nos. 1, 4, 5, 6, 7, 8, 9, and 11. Motor-generator exciter set No. 400 was completely overhauled and the bearings on No. 300 motor-generator set were renewed and the rotor balanced.

All electrical equipment was regularly inspected and repairs made where necessary, including generators, exciters, switching equipment, cables, etc.

No. 1 transformer in No. 2 bank at the transformer station, of 6,000-kv-a. capacity, failed in service on September 15. This unit is now being rebuilt.

Transmission, Transformation and Distribution

The operation of the transmission system continued under the same general conditions as last year. The operation of the system divided up into two sub-systems was continued until October 21, when, to better handle the power being supplied from the Gatineau river, the system was split into three divisions known as the yellow, green and brown.

There were no complete interruptions to all service during the year, making the fourth consecutive year to which this statement applies. The sub-system to the west had one short interruption, and the sub-system to the east had two short interruptions to service.

On January 24 and 25 there was a sleet storm fairly general over the system, which caused a few failures on the Commission's low-tension lines. On April 19 and 20 during a severe wind storm, a bank of 5,000-kv-a. units in Kitchener high-tension station failed in service. On July 27, a fire developed in Woodstock station caused by the failure of several low-tension breakers during a lightning storm.

All station equipment received the regular periodical inspection and repairs where necessary. At Preston and Guelph the 110,000-volt line oil-breakers were reinforced, made automatic, and had their carrying capacity increased.

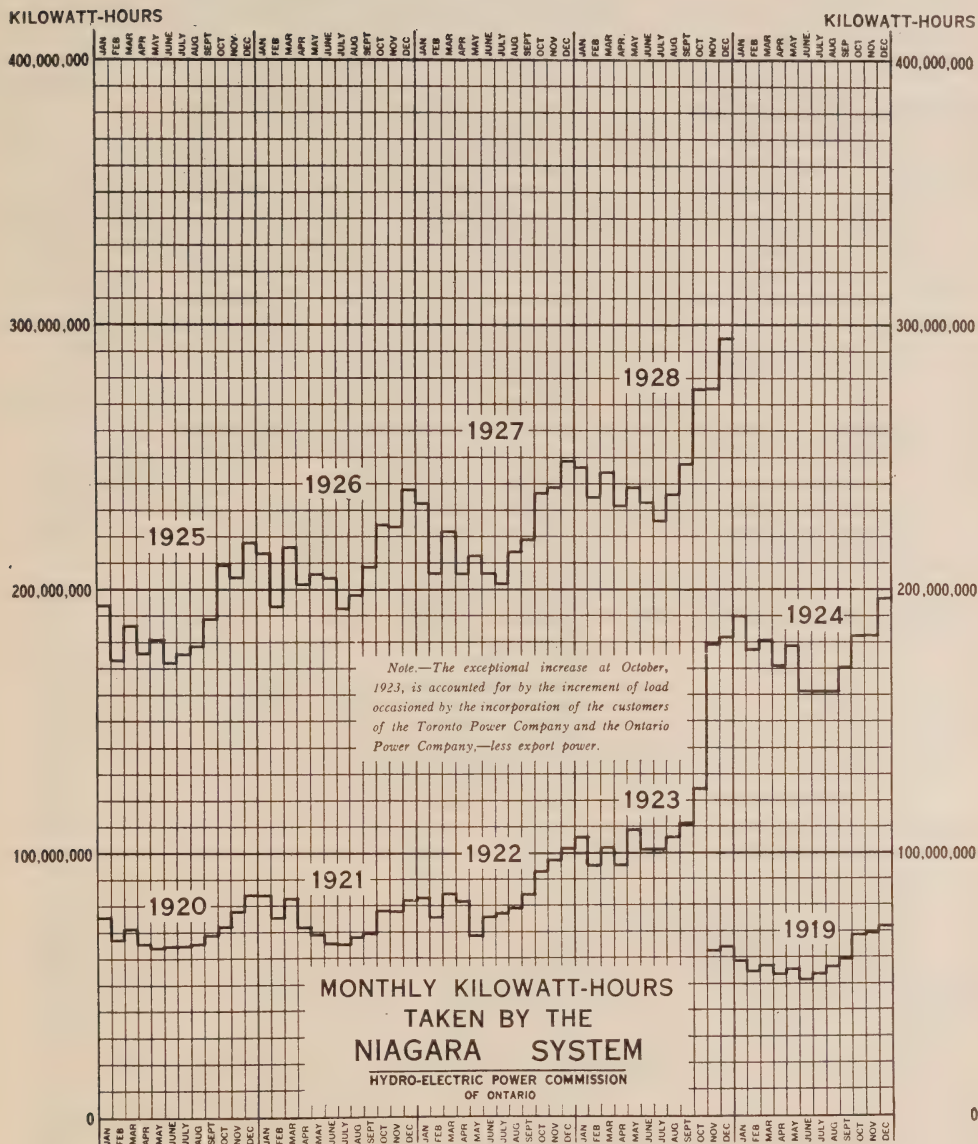
Twenty-seven transformer failures occurred during the year of which seven were returned to the manufacturers for repairs, fifteen were rebuilt by the Commission's maintenance staff and five are now undergoing repair.

On the high-tension transmission lines and on the distribution lines the regular patrol and maintenance work was carried out. In the Niagara Falls, London and Kent districts practically all lines at railway crossings were rebuilt.

The regular routine inspection and maintenance work was carried out on all telephone lines and the work of phantoming the two physical circuits between Dundas and St. Thomas stations was completed, adding a third communication circuit in this district. At Brantford, Kent, and Essex high-tension stations new telephone protective equipment was installed and a new telephone switch-board placed in service at Essex.

New gang-operated disconnecting switches were installed on the 60,000-volt tie line between Welland and Thorold and at Niagara station, replacing the single-pole hand-operated switches at these points. This change greatly facilitates operation in case of emergency. The second 60,000-volt trunk line feeding the Niagara, Lockport and Ontario Power Company from the Ontario Power plant was reinsulated with suspension insulators during the year.

On the distribution lines the following were put into operation: 26,400-volt lines from Rondeau Junction to Rondeau; from Canada Steel Junction to the Canada Steel Company, Ojibway; and a new circuit from Brantford high-tension station to Brantford. The circuit from Tilbury Junction to Chatham was sold to Chatham. New 13,200-volt lines were installed as follows: from the Ontario Power transformer station to Niagara municipal station; from Queenston Quarry junction to Queenston Quarry; from Georgetown distributing station to Provincial Paper Mills, Georgetown; from Aurora junction to Aurora distributing station; and from Woodstock distributing station to Dufferin Construction Company.



During the year a number of changes were made in the capacity of high-tension stations and distributing stations due to growth of load as follows:

| | | |
|---|--|---------------|
| Stratford high-tension station..... | Three single-phase, 2,500- kv-a. installed in place of three single-phase, 1,250-kv-a. transformers..... | Aug. 19, 1928 |
| Riverside distributing station..... | One three-phase, 1,500-kv-a. transformer installed increasing capacity to 3,000-kv-a..... | Nov. 21, 1927 |
| York Mills distributing station..... | Three single-phase, 300-kv-a. transformer installed, increasing capacity to 1,800-kv-a..... | Dec. 3, 1927 |
| Hagersville distributing station..... | Three single-phase, 250-kv-a. transformers installed increasing capacity to 1,200-kv-a..... | Nov. 13, 1927 |
| Amherstburg distributing station..... | Three single-phase, 250-kv-a. transformers installed increasing capacity to 1,050-kv-a..... | Mar. 25, 1928 |
| Tilbury distributing station..... | Three single-phase, 75-kv-a. transformers installed increasing capacity to 750-kv-a..... | May 4, 1928 |
| Fletcher distributing station..... | One three-phase, 300-kv-a. transformer installed in place of one three-phase, 150-kv-a. transformer..... | Dec. 18, 1927 |
| Harrow distributing station..... | One three-phase, 300-kv-a. transformer installed in place of one three-phase, 150-kv-a. transformer..... | June 15, 1928 |
| St. Thomas rural power district station.. | One three-phase, 300-kv-a. transformer installed in place of one three-phase, 150-kv-a. transformer..... | Mar. 14, 1928 |
| Waterdown distributing station..... | Three single-phase, 250-kv-a. transformers installed in place of one three-phase, 300-kv-a. transformer..... | Mar. 31, 1928 |
| Blenheim distributing station..... | Three single-phase, 250-kv-a. transformers installed in place of three 150-kv-a. transformers..... | Aug. 26, 1928 |
| Forrest distributing station..... | Three single-phase, 150-kv-a. transformers installed in place of three single-phase, 75-kv-a. transformers.... | Nov. 13, 1927 |
| Embro distributing station..... | Three single-phase, 75-kv-a. transformers installed in place of one three-phase, 50-kv-a. transformer..... | Mar. 11, 1928 |
| Tavistock distributing station..... | Three single-phase, 50-kv-a. transformers installed in place of three single-phase, 15-kv-a. transformers..... | Aug. 15, 1928 |

New transformer stations have been placed in service with transforming equipment as follows:—

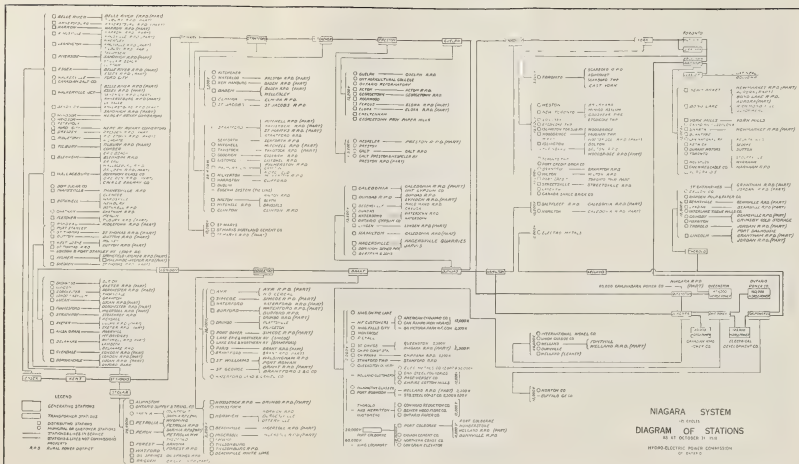
| | | |
|---|---|----------------|
| Aurora distributing station..... | Three single-phase, 250-kv-a. transformers..... | June 24, 1928 |
| St. Marys rural power district station... | Three single-phase, 150-kv-a. transformers..... | Sept. 22, 1928 |
| Rondeau distributing station..... | Three single-phase, 75-kv-a. transformers | June 17, 1928 |
| Shedden distributing station..... | One three-phase, 150-kv-a. transformer.. | Nov. 17, 1927 |
| Provincial Paper Company..... | Three 150-kv-a. transformers..... | July 25, 1928 |
| Waterford Sand & Gravel Company... | Power supplied..... | Mar. 27, 1928 |

The following transformer stations were discontinued during the year.

| | | |
|--------------------------------------|--|---------------|
| Norfolk distributing station..... | Now being fed from Simcoe Municipal station..... | Dec. 10, 1927 |
| Leaside Russel Construction Company. | Disconnected..... | June 29, 1928 |

At Erindale generating station, which has not been in operation for several years, the electrical equipment was removed August 14, 1928, and sold.

The 220,000-volt transmission line from the Ottawa river to Leaside, the stepdown transformer station at Leaside, and 110,000-volt line from Leaside to Bridgman station, Toronto, were put in service on October 1, and operation has been satisfactory.



NIAGARA SYSTEM
- IN EXIST -
DIAGRAM OF STATIONS
AS AT OCTOBER 11, 1918
HYDRO-ELECTRIC POWER COMMISSION
OF CANADA

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|-------------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Acton..... | 492.0 | 490.0 | 571.7 | ..... | 81.7 |
| Agincourt..... | 80.4 | 102.5 | 112.8 | ..... | 10.3 |
| Ailsa Craig..... | 85.8 | 78.2 | 100.8 | ..... | 22.6 |
| Alvinston..... | 103.2 | 91.1 | 77.0 | 14.1 | ..... |
| Amherstburg..... | 405.6 | 465.0 | 513.4 | ..... | 48.4 |
| Ancaster township..... | 272.1 | 277.0 | 356.5 | ..... | 79.5 |
| Arkona..... | ..... | 52.9 | 60.0 | ..... | 7.1 |
| Aurora..... | 577.7 | 651.0 | 785.0 | ..... | 134.0 |
| Aylmer..... | 363.2 | 411.0 | 468.0 | ..... | 57.0 |
| Ayr..... | 100.5 | 124.0 | 128.9 | ..... | 4.9 |
| Baden..... | 288.2 | 297.6 | 313.6 | ..... | 16.0 |
| Barton township..... | 540.2 | 526.8 | 652.4 | ..... | 125.6 |
| Beachville..... | 450.9 | 201.0 | 214.5 | ..... | 13.5 |
| Belle River..... | 100.5 | 121.3 | 70.3 | 51.0 | ..... |
| Blenheim..... | 285.3 | 351.0 | 332.4 | 18.6 | ..... |
| Blyth..... | 58.9 | 55.3 | 77.7 | ..... | 22.4 |
| Bolton..... | 94.5 | 111.2 | 101.5 | 9.7 | ..... |
| Bothwell..... | 164.5 | 185.6 | 109.9 | 75.7 | ..... |
| Brampton..... | 1,598.1 | 1,654.5 | 1,935.8 | ..... | 281.3 |
| Brantford..... | 9,085.1 | 8,838.8 | 9,781.5 | ..... | 942.7 |
| Brantford township..... | 320.6 | 345.5 | 390.1 | ..... | 44.6 |
| Brigden..... | 27.6 | 53.6 | 118.7 | ..... | 65.1 |
| Brussels..... | 101.9 | 112.6 | 124.3 | ..... | 11.7 |
| Burford..... | 96.1 | 116.6 | 136.8 | ..... | 20.2 |
| Burgessville..... | 42.6 | 45.8 | 60.7 | ..... | 14.9 |
| Caledonia..... | 238.4 | 260.7 | 281.5 | ..... | 20.8 |
| Campbellville..... | 16.3 | 20.1 | 21.4 | ..... | 1.3 |
| Cayuga..... | 112.6 | 57.6 | 72.4 | ..... | 14.8 |
| Chatham..... | 3,841.3 | 4,163.2 | 4,382.1 | ..... | 218.9 |
| Chippawa Village..... | 293.6 | 266.7 | 211.8 | 54.9 | ..... |
| Clifford..... | 40.2 | 39.9 | 52.5 | ..... | 12.6 |
| Clinton..... | 331.1 | 354.0 | 443.9 | ..... | 89.9 |
| Comber..... | 176.9 | 180.2 | 152.8 | 27.4 | ..... |
| Courtright..... | 36.8 | 33.5 | 36.2 | ..... | 2.7 |
| Cottam..... | ..... | 43.5 | 49.6 | ..... | 6.1 |
| Dashwood..... | 65.0 | 71.6 | 76.1 | ..... | 4.5 |
| Delaware..... | 20.3 | 24.4 | 32.1 | ..... | 7.7 |
| Dorchester..... | 77.2 | 70.4 | 70.4 | ..... | ..... |
| Drayton..... | 80.4 | 83.1 | 82.0 | 1.1 | ..... |
| Dresden..... | 262.0 | 291.0 | 251.8 | 39.2 | ..... |
| Drumbo..... | 42.9 | 54.4 | 70.4 | ..... | 16.0 |
| Dublin..... | 42.9 | 56.5 | 77.6 | ..... | 21.1 |
| Dundas..... | 1,256.0 | 1,329.7 | 1,454.4 | ..... | 124.7 |
| Dunnville..... | 500.0 | 577.8 | 603.2 | ..... | 25.4 |
| Dutton..... | 185.0 | 178.3 | 209.1 | ..... | 30.8 |
| Elmira..... | 843.9 | 901.7 | 1,016.1 | ..... | 114.4 |
| Elora..... | 226.5 | 386.0 | 396.8 | ..... | 10.8 |
| Embro..... | 74.1 | 67.0 | 74.8 | ..... | 7.8 |
| Erieau..... | 37.5 | 42.9 | 50.2 | ..... | 7.3 |
| Erie Beach..... | 5.0 | 10.7 | 10.0 | 0.7 | ..... |
| Etobicoke township..... | 1,866.5 | 2,045.5 | 2,494.1 | ..... | 448.6 |
| Exeter..... | 366.5 | 384.7 | 416.2 | ..... | 31.5 |
| Essex..... | 233.2 | 311.0 | 312.3 | ..... | 1.3 |
| Fergus..... | 408.8 | 519.0 | 573.8 | ..... | 54.8 |
| Ford City..... | 2,690.4 | 3,029.5 | 3,989.2 | ..... | 959.7 |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928—Continued

| Municipality | Peak load in horsepower | | | Change in load, 1927-1928 | |
|-----------------------------------|-------------------------|------------|------------|------------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Forest..... | 200.2 | 230.4 | 263.4 | ..... | 33.0 |
| Fonthill..... | 76.4 | 88.5 | 104.5 | ..... | 16.0 |
| Galt..... | 5,730.8 | 6,498.4 | 6,748.7 | ..... | 250.3 |
| Georgetown..... | 617.8 | 719.2 | 755.4 | ..... | 36.2 |
| Glencoe..... | 125.4 | 135.7 | 163.8 | ..... | 28.1 |
| Goderich..... | 942.3 | 935.8 | 1,035.2 | ..... | 99.4 |
| Granton..... | 66.5 | 73.4 | 86.0 | ..... | 12.6 |
| Guelph..... | 6,208.5 | 6,925.0 | 7,630.1 | ..... | 705.1 |
| Hagersville..... | 811.0 | 1,039.0 | 1,278.8 | ..... | 239.8 |
| Hamilton..... | 31,672.4 | 35,459.5 | 51,943.6 | ..... | 16,484.1 |
| Harriston..... | 221.2 | 244.0 | 270.2 | ..... | 26.2 |
| Harrow..... | 128.7 | 164.9 | 205.3 | ..... | 40.4 |
| Hensall..... | 99.2 | 116.6 | 90.6 | 26.0 | ..... |
| Hespeler..... | 911.5 | 970.5 | 1,071.8 | ..... | 101.3 |
| Highgate..... | 119.3 | 108.5 | 119.3 | ..... | 10.8 |
| Humberstone..... | 225.2 | 370.0 | 305.6 | 64.4 | ..... |
| Ingersoll..... | 1,961.1 | 1,983.0 | 2,173.2 | ..... | 190.2 |
| Jarvis..... | 137.7 | 141.5 | 150.1 | ..... | 8.6 |
| Kingsville..... | 317.1 | 344.2 | 388.7 | ..... | 44.5 |
| Kitchener..... | 11,969.5 | 13,340.0 | 14,457.0 | ..... | 1,117.0 |
| Lambeth..... | 74.0 | 90.0 | 107.7 | ..... | 17.7 |
| Leamington..... | 538.8 | 793.5 | 871.3 | ..... | 77.8 |
| Listowel..... | 620.6 | 618.6 | 727.9 | ..... | 109.3 |
| London..... | 22,317.0 | 23,539.0 | 25,884.4 | ..... | 2,345.4 |
| London township V.A..... | 162.8 | 174.0 | 175.0 | ..... | 1.0 |
| Lucan..... | 170.2 | 172.4 | 155.9 | 16.5 | ..... |
| Lynden..... | 135.4 | 123.3 | 70.7 | 52.6 | ..... |
| LaSalle..... | 101.1 | 156.8 | 230.5 | ..... | 73.7 |
| Louth township..... | 25.0 | 16.0 | ..... | ..... | ..... |
| Markham..... | 116.6 | 127.7 | 146.4 | ..... | 18.7 |
| Merlin..... | 96.5 | 136.0 | 130.1 | 6.0 | ..... |
| Merriton..... | 734.6 | 807.0 | 1,075.1 | ..... | 268.1 |
| Milton..... | 1,021.7 | 960.6 | 1,092.3 | ..... | 131.7 |
| Milverton..... | 501.3 | 537.5 | 585.8 | ..... | 48.3 |
| Mimico..... | 1,561.7 | 1,680.0 | 1,857.9 | ..... | 177.9 |
| Mimico Asylum..... | 37.5 | 65.0 | 65.0 | ..... | ..... |
| Mitchell..... | 328.4 | 369.4 | 451.7 | ..... | 82.3 |
| Moorefield..... | 49.6 | 49.2 | 56.0 | ..... | 6.8 |
| Mount Brydges..... | 59.6 | 63.5 | 68.3 | ..... | 4.8 |
| Newbury..... | 34.8 | 34.1 | 38.2 | ..... | 4.1 |
| New Hamburg..... | 417.6 | 491.0 | 584.1 | ..... | 93.1 |
| Newmarket..... | 675.6 | 737.0 | 697.0 | 40.0 | ..... |
| New Toronto..... | 3,981.2 | 4,343.0 | 4,871.2 | ..... | 528.2 |
| Niagara Falls..... | 7,821.2 | 8,013.4 | 8,910.2 | ..... | 896.8 |
| Niagara-on-the-Lake..... | 370.6 | 437.0 | 494.6 | ..... | 57.6 |
| Norwich..... | 236.6 | 306.3 | 322.5 | ..... | 16.2 |
| Oil Springs..... | 243.9 | 268.1 | 263.8 | 4.3 | ..... |
| Ontario Agricultural College..... | 269.4 | 295.0 | 312.3 | ..... | 17.3 |
| Ontario Central Reformatory..... | 213.0 | 230.5 | 263.4 | ..... | 32.9 |
| Otterville..... | 90.5 | 72.3 | 72.4 | ..... | 0.1 |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928—Continued

| Municipality | Peak load in horsepower | | | Change in load, 1927-1928 | |
|------------------------|-------------------------|------------|------------|------------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Palmerston..... | 374.0 | 420.9 | 496.6 | ..... | 75.7 |
| Paris..... | 1,224.5 | 1,216.0 | 1,284.2 | ..... | 68.2 |
| Parkhill..... | 116.6 | 130.0 | 138.0 | ..... | 8.0 |
| Petrolia..... | 790.6 | 694.1 | 670.6 | 23.5 | ..... |
| Plattsville..... | 49.6 | 37.5 | 45.9 | ..... | 8.4 |
| Point Edward..... | 565.7 | 233.7 | 238.6 | ..... | 4.9 |
| Port Colborne..... | 1,174.3 | 1,199.8 | 1,282.8 | ..... | 83.0 |
| Port Credit..... | 359.2 | 401.0 | 475.9 | ..... | 74.9 |
| Port Dalhousie..... | 265.4 | 284.2 | 327.7 | ..... | 43.5 |
| Port Dover..... | 214.5 | 236.0 | 251.3 | ..... | 15.3 |
| Port Rowan..... | ..... | 52.2 | 54.3 | ..... | 2.1 |
| Port Stanley..... | 160.8 | 171.6 | 154.1 | 17.5 | ..... |
| Preston..... | 2,788.2 | 3,013.0 | 3,224.9 | ..... | 211.9 |
| Princeton..... | 35.8 | 35.5 | 36.2 | ..... | 0.7 |
| Queenston..... | 87.1 | 80.4 | 85.8 | ..... | 5.4 |
| Richmond Hill..... | 183.0 | 195.7 | 201.4 | ..... | 5.7 |
| Ridgetown..... | 340.5 | 363.0 | 430.3 | ..... | 67.3 |
| Riverside..... | 911.5 | 1,181.0 | 1,126.0 | 55.0 | ..... |
| Rockwood..... | 67.0 | 65.0 | 92.5 | ..... | 27.5 |
| Rodney..... | 94.2 | 121.7 | 119.5 | 2.2 | ..... |
| St. Catharines..... | 7,335.0 | 7,718.4 | 8,034.4 | ..... | 316.0 |
| St. Clair Beach..... | 72.4 | 62.3 | 71.7 | ..... | 9.4 |
| St. George..... | 87.8 | 112.6 | 154.4 | ..... | 41.8 |
| St. Jacobs..... | 145.6 | 159.0 | 189.2 | ..... | 30.2 |
| St. Marys..... | 1,169.6 | 1,383.0 | 1,349.8 | 33.2 | ..... |
| St. Thomas..... | 4,609.2 | 4,903.6 | 5,051.2 | ..... | 147.6 |
| Sarnia..... | 5,148.8 | 5,328.6 | 5,997.5 | ..... | 668.9 |
| Sandwich..... | 2,951.2 | 3,308.3 | 3,746.7 | ..... | 438.4 |
| Scarboro township..... | 1,585.0 | 1,958.6 | 2,320.3 | ..... | 361.7 |
| Seaforth..... | 454.4 | 454.0 | 572.0 | ..... | 118.0 |
| Simcoe..... | 791.6 | 883.0 | 1,017.7 | ..... | 134.7 |
| Springfield..... | 102.5 | 72.4 | 124.6 | ..... | 52.2 |
| Stamford township..... | 1,134.0 | 1,201.7 | 1,429.1 | ..... | 227.4 |
| Stouffville..... | 96.9 | 100.5 | 115.2 | ..... | 14.7 |
| Stratford..... | 6,454.3 | 6,809.6 | 7,124.8 | ..... | 315.2 |
| Strathroy..... | 733.2 | 760.6 | 781.7 | ..... | 21.1 |
| Sutton..... | 85.8 | 96.5 | 103.2 | ..... | 6.7 |
| Tavistock..... | 391.4 | 409.1 | 442.3 | ..... | 33.2 |
| Tecumseh..... | 238.6 | 259.8 | 319.1 | ..... | 59.3 |
| Thamesford..... | 128.7 | 115.3 | 137.4 | ..... | 22.1 |
| Thamesville..... | 145.6 | 162.7 | 186.3 | ..... | 23.6 |
| Thedford..... | 58.4 | 52.3 | 54.9 | ..... | 2.6 |
| Thorndale..... | 51.4 | 42.5 | 61.0 | ..... | 18.5 |
| Thorold..... | 885.4 | 1,255.4 | 801.3 | 454.1 | ..... |
| Tilbury..... | 352.5 | 421.0 | 528.1 | ..... | 107.1 |
| Tillsonburg..... | 690.3 | 741.0 | 738.6 | 2.4 | ..... |
| Toronto..... | 195,759.0 | 216,588.0 | 241,366.0 | ..... | 24,778.0 |
| Toronto township..... | 911.4 | 1,057.6 | 1,198.6 | ..... | 141.0 |
| Walkerville..... | 4,616.5 | 4,839.0 | 6,353.9 | ..... | 1,514.9 |
| Wallaceburg..... | 1,701.1 | 3,185.0 | 3,269.4 | ..... | 84.4 |
| Wardsville..... | 27.2 | 22.5 | 32.1 | ..... | 9.6 |
| Waterdown..... | 157.2 | 186.0 | 195.8 | ..... | 9.8 |
| Waterford..... | 319.0 | 315.8 | 396.8 | ..... | 81.0 |
| Waterloo..... | 2,681.0 | 2,681.0 | 2,948.4 | ..... | 267.4 |
| Watford..... | 148.1 | 166.0 | 201.0 | ..... | 35.0 |

NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928—Continued

| Municipality | Peak load in horsepower | | | Change in load, 1927-1928 | |
|----------------------------|-------------------------|------------|------------|---------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Welland..... | 2,943.7 | 3,265.4 | 3,433.0 | ..... | 167.6 |
| Wellesley..... | 122.5 | 128.5 | 133.2 | ..... | 4.7 |
| West Lorne..... | 332.4 | 328.0 | 324.1 | 3.9 | ..... |
| Weston..... | 2,320.7 | 2,160.5 | 2,398.8 | ..... | 238.3 |
| Wheatley..... | 88.4 | 104.5 | 117.1 | ..... | 12.6 |
| Windsor..... | 22,986.1 | 23,970.2 | 27,616.9 | ..... | 3,646.7 |
| Woodbridge..... | 136.9 | 222.0 | 217.1 | 4.9 | ..... |
| Woodstock..... | 3,765.4 | 4,155.0 | 4,781.5 | ..... | 626.5 |
| Wyoming..... | 53.0 | 48.2 | 58.7 | ..... | 10.5 |
| York, East, township..... | 2,848.5 | 2,889.0 | 3,382.0 | ..... | 493.0 |
| York, North, township..... | 603.3 | 930.2 | 1,240.5 | ..... | 310.3 |
| Zurich..... | 95.8 | 69.0 | 87.9 | ..... | 18.9 |

In some instances the decreases shown are due entirely or in part to transference of load from a municipality to a newly established rural power district.

NIAGARA SYSTEM—NEW MUNICIPALITIES

| Municipality | Date connected | Load in horsepower | | Change in load | |
|-----------------|----------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Bridgeport..... | Mar. 1, 1928 | 104.8 | 177.0 | ..... | 72.2 |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1926-1927-1928

| Rural power district | Peak load in horsepower | | | Change in load 1927-28 | |
|----------------------|-------------------------|------------|------------|------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Amherstburg..... | 405.6 | 370.4 | 404.5 | ..... | 34.1 |
| Aylmer..... | 31.9 | 139.9 | 133.5 | 6.4 | ..... |
| Ayr..... | 8.0 | 8.0 | 9.0 | ..... | 1.0 |
| Baden..... | 53.7 | 115.7 | 148.7 | ..... | 33.0 |
| Beamsville..... | 396.8 | 483.9 | 537.5 | ..... | 53.6 |
| Belle River..... | 108.6 | 163.3 | 158.2 | 5.1 | ..... |
| Blenheim..... | 21.0 | 52.5 | 82.7 | ..... | 30.2 |
| Brant..... | 108.5 | 164.4 | 259.8 | ..... | 95.4 |
| Bond Lake..... | 284.2 | 500.0 | 520.2 | ..... | 20.2 |
| Bothwell..... | 5.4 | 13.5 | 109.5 | ..... | 96.0 |
| Brampton..... | 10.5 | 10.5 | 64.2 | ..... | 53.7 |
| Brigden..... | ..... | 8.8 | 21.9 | ..... | 13.1 |
| Burford..... | ..... | 68.3 | 68.0 | 0.3 | ..... |
| Caledonia..... | 11.4 | 23.3 | 102.1 | ..... | 78.8 |
| Chatham..... | 106.4 | 115.8 | 254.8 | ..... | 139.0 |
| Chippawa..... | 87.1 | 76.4 | 108.6 | ..... | 32.2 |
| Delaware..... | 82.3 | 110.1 | 174.5 | ..... | 64.4 |
| Dorchester..... | 163.7 | 259.2 | 248.1 | 11.1 | ..... |
| Drumbo..... | 13.4 | 47.2 | 58.7 | ..... | 11.5 |
| Dundas..... | 209.1 | 306.0 | 341.9 | ..... | 35.9 |
| Dutton..... | 10.4 | 12.7 | 23.2 | ..... | 10.5 |
| Elora..... | 174.2 | 24.9 | 40.1 | ..... | 15.2 |
| Elmira..... | 22.1 | 16.3 | 21.4 | ..... | 5.1 |
| Essex..... | 69.7 | 95.8 | 140.9 | ..... | 45.1 |
| Exeter..... | 71.5 | 153.1 | 144.1 | 9.0 | ..... |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1926-1927-1928—Continued

| Rural power district | Peak load in horsepower | | | Change in load 1927-1928 | |
|------------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Forest..... | ..... | 2.7 | 2.9 | ..... | .2 |
| Galt..... | 65.0 | 78.2 | 105.7 | ..... | 27.5 |
| Georgetown..... | 9.5 | 35.5 | 39.5 | ..... | 4.0 |
| Goderich..... | 33.5 | 45.2 | 35.8 | 9.4 | ..... |
| Grantham..... | 294.2 | 354.8 | 417.8 | ..... | 63.0 |
| Guelph..... | 57.9 | 45.5 | 58.8 | ..... | 13.3 |
| Haldimand..... | 10.0 | 10.5 | 22.0 | ..... | 11.5 |
| Harrow..... | 33.5 | 172.2 | 165.3 | 6.9 | ..... |
| Ingersoll..... | 4.0 | 6.0 | 117.0 | ..... | 111.0 |
| Jordan..... | 24.7 | 24.1 | 44.1 | ..... | 20.0 |
| Keswick..... | 109.6 | 187.6 | 116.0 | 71.6 | ..... |
| Kingsville..... | 233.0 | 390.8 | 355.6 | 35.2 | ..... |
| Listowel..... | ..... | 43.5 | 50.6 | ..... | 7.1 |
| London..... | 619.2 | 765.8 | 1,014.7 | ..... | 248.9 |
| Lucan..... | 22.8 | 32.2 | 41.1 | ..... | 8.9 |
| Lynden..... | 48.2 | 76.8 | 117.2 | ..... | 40.4 |
| Markham..... | 71.0 | 114.9 | 181.9 | ..... | 67.0 |
| Milton..... | 7.0 | 41.5 | 73.3 | ..... | 31.8 |
| Milverton..... | ..... | 25.7 | 29.7 | ..... | 4.0 |
| Mitchell..... | 60.3 | 83.8 | 100.0 | ..... | 16.2 |
| Newmarket..... | 111.6 | 151.3 | 182.7 | ..... | 31.4 |
| Niagara..... | 403.7 | 519.6 | 609.7 | ..... | 90.1 |
| Norwich..... | 187.6 | 158.0 | 183.8 | ..... | 25.8 |
| Oil Springs..... | 28.1 | 37.5 | 41.8 | ..... | 4.3 |
| Palmerston..... | ..... | 1.0 | 3.0 | ..... | 2.0 |
| Petrolia..... | 1.6 | 1.6 | 5.3 | ..... | 3.7 |
| Preston..... | 322.7 | 442.6 | 508.5 | ..... | 65.9 |
| Ridgetown..... | 97.8 | 109.9 | 239.3 | ..... | 129.4 |
| Saltfleet..... | 291.5 | 442.0 | 545.9 | ..... | 103.9 |
| Sandwich..... | 561.6 | 725.6 | 850.9 | ..... | 125.3 |
| Sarnia..... | 226.5 | 315.0 | 328.1 | ..... | 13.1 |
| Scarboro township..... | 15.0 | 66.2 | 81.6 | ..... | 15.4 |
| Stratford..... | 96.5 | 147.4 | 155.8 | ..... | 8.4 |
| St. Jacobs..... | 108.2 | 192.0 | 163.3 | 28.7 | ..... |
| St. Thomas..... | 219.1 | 266.8 | 430.2 | ..... | 163.4 |
| Simcoe..... | 50.7 | 85.4 | 106.3 | ..... | 20.9 |
| Stamford..... | 67.0 | 95.8 | 105.2 | ..... | 9.4 |
| Strathroy..... | ..... | 16.4 | 23.9 | ..... | 7.5 |
| Streetsville..... | 2.5 | 70.1 | 119.6 | ..... | 49.5 |
| Tavistock..... | 34.3 | 44.9 | 82.9 | ..... | 38.0 |
| Tilbury..... | 14.0 | 21.2 | 103.2 | ..... | 82.0 |
| Tillsonburg..... | 145.0 | 186.3 | 225.2 | ..... | 38.9 |
| Wallaceburg..... | 102.9 | 105.9 | 128.7 | ..... | 22.8 |
| Walsingham..... | ..... | 63.5 | 35.2 | 28.3 | ..... |
| Walton..... | 11.4 | 24.2 | 41.6 | ..... | 17.4 |
| Waterford..... | 21.4 | 69.7 | 61.0 | 8.7 | ..... |
| Waterdown..... | 180.6 | 197.3 | 241.0 | ..... | 43.7 |
| Welland..... | 606.0 | 717.2 | 970.0 | ..... | 252.8 |
| Woodbridge..... | 177.5 | 278.3 | 356.6 | ..... | 78.3 |
| Woodstock..... | 229.2 | 331.0 | 395.3 | ..... | 64.3 |

NIAGARA SYSTEM—NEW RURAL POWER DISTRICTS

| Rural power district | Date connected | Load in horsepower | | Change in load | |
|----------------------|----------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Acton..... | Feb. 1, 1928 | 1.0 | 2.0 | ..... | 1.0 |
| Clinton..... | July 1, 1928 | 45.5 | 37.9 | 7.6 | ..... |
| Dresden..... | May 14, 1928 | 0.2 | 0.2 | ..... | ..... |
| Dunnville..... | July 11, 1928 | 3.2 | 12.8 | ..... | 9.6 |
| Seaforth..... | Dec. 1, 1928 | 53.6 | 62.0 | ..... | 8.4 |
| St. Marys..... | Dec. 12, 1928 | 13.0 | 96.4 | ..... | 83.4 |
| Thamesville..... | Nov. 15, 1927 | 26.8 | 59.4 | ..... | 32.6 |

GEORGIAN BAY SYSTEM

The peak and average power loads on this system for 1928 have increased approximately fourteen per cent over the loads for the corresponding months of 1927. The peak demand for power in the early part of the year was practically equal to the available generating and supply capacities.

To assist in meeting the anticipated high peak demands for power in November and December of 1928, agreements were made with the Canadian Pacific Railway Company for the operation of its steam plant at Port McNicoll, and with the Owen Sound Public Utilities Commission for the operation of its steam plant at Owen Sound, to increase the possible generating capacity on the system.

Due to the amount of precipitation throughout the year, there has been more than ample water to meet the requirements of the various plants, although loads have been heavier than in previous years.

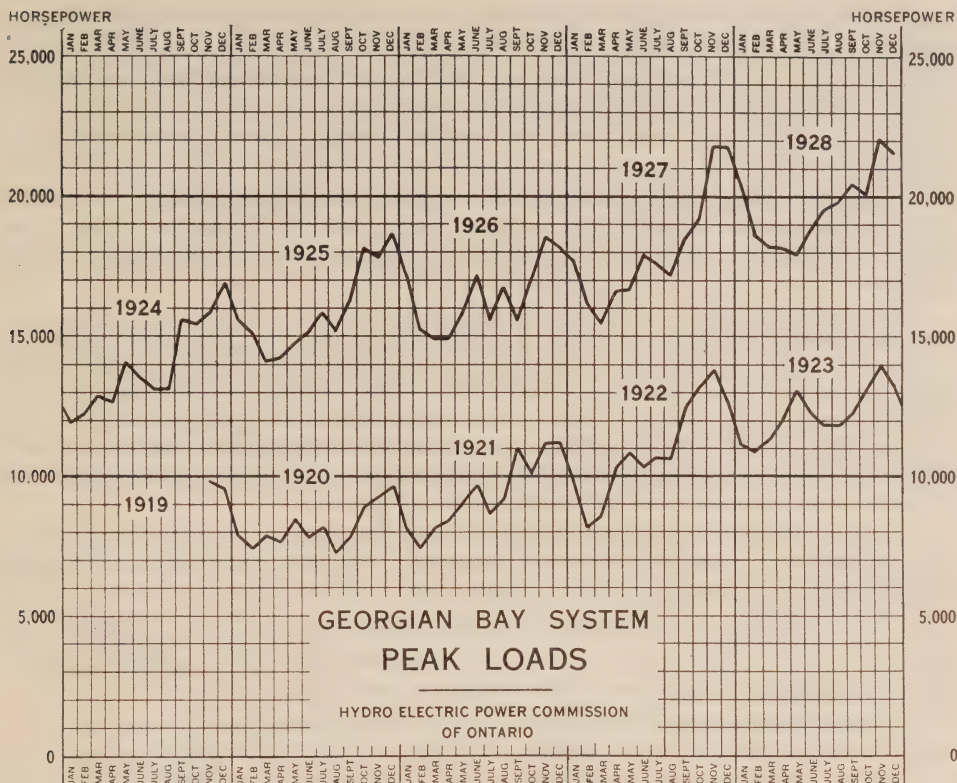
The Mount Forest frequency-changer set has been in operation for the greater part of the year to assist the system generating stations during heavy demand periods, and during periods of repairs and maintenance at some of the power plants. Also it has been of assistance in regulating the voltage on the west section of the Eugenia division.

The failure of one of the 3,000-kv-a. auto-transformers at Waubaushe in the early part of July limited to some extent, from July to October, the transfer of surplus power from the Muskoka division for use on the balance of the system.

Numerous and severe lightning and wind storms were experienced on various parts of the system during the year, doing considerable damage to line and station equipment, especially on the Eugenia and Wasdells divisions. Emergent or permanent adjustments were made with as little interruption to service as possible, and, where temporary and hasty repairs were necessary, permanent adjustments were made when conditions were more favourable.

Severe flood conditions on the rivers were experienced at a number of the plants, the worst in a long period of years. Some minor damage was experienced at several of the plants but the service on the system was well maintained.

The alterations and improvements carried out on a number of the roads in some of the counties, and on several of the newly located highways, have caused extensive alterations on various lines, necessitating the construction of detours and the relocation and rebuilding of portions of lines.



NOTE:—The Georgian Bay System includes the Severn, Eugenia, Wasdells and Muskoka divisions. In the diagram the load for the Muskoka division is not included until November, 1924. Details respecting this load for preceding years are given in earlier Annual Reports.

Severn Division

There was an average increase of ten per cent in the peak loads on this division over the corresponding months of 1927, while the increase in average loads over the corresponding months of 1927 was eighteen per cent.

Three new substations, fed from the 22,000-volt lines, were placed in service on this division during 1928. The Aberdeen Elevator station at Midland, of 600-kv-a. capacity, went into service in May. The Buckskin rural power district station of 25-kv-a. capacity, single-phase, and the Innisfil rural power district station of 100-kv-a. capacity, single-phase, both went into service in July.

The usual inspection and maintenance of turbines were carried out at Big Chute plant, and ventilators were installed on the power house roof to reduce the temperature inside this plant during the hot summer months.

It was necessary to change a great number of poles to conform with the road alterations made by the Provincial Highways department between Camp Borden tap and Coldwater tap, and on line section S71 X 51 it was necessary to adjust poles Nos. 413 to 433 to conform with new roadway established by the county of Simcoe.

Owing to the construction of a spur line by the Canadian Pacific Railway between the Canadian Pacific Railway tracks at Port McNicoll and the Canadian National Railway tracks near Tay Junction, it was necessary to change the position of a number of poles and two switching structures at Junction 571, and also to erect additional poles, and regrade lines to provide overhead clearances over the railway.

The usual program of maintenance work was carried out on the Severn Division lines, such as adjusting sags in conductors in a number of sections, testing and changing insulators, stubbing poles, straightening poles and pulling up guys.

Failures occurred in the armature windings of two of the older generators at the Big Chute plant, but in each case the trouble was confined to a few coils which were replaced and the generator returned to operation without affecting service.

The main buildings for housing the operating staff at Big Chute plant were painted to improve and maintain the buildings, and the two steel pipe lines and penstocks were painted to protect them against rust.

Excessive floods were experienced in the Severn river at the Big Chute plant, resulting in abnormally high tailwater, but with no resultant damage to equipment or interference with service.

A new gasoline-driven motor boat was placed in service between the Big Chute plant and the railway connection at Severn falls for transportation of supplies and employees to and from the Big Chute plant.

Certain alterations were made by the Commission in the bus-bar and switch arrangement at the Canadian Pacific Railway Elevator substation to provide for the operation of the steam plant, thus increasing the system generating capacity in accordance with the agreement with the Canadian Pacific Railway Company.

Eugenia Division

There was an average increase of fifteen per cent in both peak and average loads over the corresponding months of 1927.

The usual program of line maintenance was carried out on this division, including testing of insulators and replacement of those showing defects, stubbing of poles, pulling up guys, straightening poles, etc. Assistance was also given to several municipalities on line maintenance and new line construction.

Further repairs were carried out this year to the fences along the roadway on the eighth concession fill over the Eugenia storage basin in accordance with the agreement with the Artemesia township council.

The wood-stave portions of the pipe lines between the Eugenia storage basin and the power house were treated with preservative to arrest or prevent decay. The steel portions of the pipe lines below the surge tanks were painted or coated with a material for the prevention of rust and scale formation. The maintenance on the pipe lines was on the exterior only, as an interior examination showed that no treatment was required.

A careful inspection was made of the three turbines at Eugenia power house and the wearing rings and clearances adjusted in preparation for the anticipated heavy loads in the autumn of 1928.

The transformer capacity at Orangeville distributing station was increased in May, 1928, by the installation of three 150-kv-a. transformers which replaced the three 100-kv-a. transformers formerly at this station.

Initial service was arranged for a number of rural lines constructed at various points on the division.

A feeder voltage regulator was installed on the Paisley feeder at the Chesley station, to improve voltage regulation on the Paisley distribution system.

Wasdells Division

There has been an increase of fifteen per cent in both peak and average loads on the Wasdells division.

Excessive floods experienced in the spring of 1928 caused high tailwater at the Wasdells plant, with resultant reduction in plant capacity, but, through interconnection with the other divisions of the Georgian Bay system and with the plant of the town of Orillia, satisfactory service was maintained on the Wasdells division.

Severe storm conditions in the early winter caused line trouble in a few sections, but temporary repairs were made without delay and more permanent adjustments were made during the summer. A number of new storm guys were erected on several sections of the high-tension line where shown to be necessary by the storms experienced.

Alterations were made on the high-tension lines to accommodate road alterations on the provincial highway between Beaverton and Atherley.

No. 1 turbine at Wasdells power house was completely overhauled and certain parts rebuilt.

Extensive maintenance work was carried out on the concrete substructure of the Wasdells power house, also on the piers and sluiceway floors of the dam.

Owing to thunderstorms, accompanied by severe lightning, trouble was experienced with the high-tension fuses and the transformer equipment at Pinedale. It was necessary to replace two 3-phase transformers during the year, one in the late spring and one in the early autumn. Both were burnt out and had to be sent to the factory for repairs.

The high-tension lightning arresters on this division were given a complete overhauling.

An extension to the Sparrow Lake rural power district was made to serve a number of customers in the vicinity of the Wasdells power house.

The Superintendent's house at the Wasdells plant was painted to improve and maintain the building.

Muskoka Division

The peak and average loads on this division have increased ten per cent over 1927.

The operation of the South Falls and Hanna Chute plants has continued successfully at high load factors, a large portion of the output being transferred to the other divisions of the Georgian Bay system.

A quantity of material was added to the top and front of the earth and rock dam at Minden Bay on Hollow Lake to increase the factor of safety. This was part of the original scheme for the construction of this storage dam.

A rock-filled timber crib was built on the downstream side of the Hollow Lake dam, forming an additional support for the dam and an improvement for the passing of timber during log drives. A small shanty was erected at the south side of the dam to house the operator and ranger of the storage dams when necessary.

The dams on the lakes tributary to Hollow Lake, and the Hollow Lake dam, were operated as in former years to reduce spring floods, to store water for the dry season and to assist in the regulation of the South Muskoka river flow.

A number of alterations to 38,000-volt and 22,000-volt lines were necessary owing to alterations to roads in the Muskoka district.

The usual routine maintenance was carried out both in the generating stations and on the transmission lines, with extensive tree cutting and under-brushing on section G 54 X 6. Feeder equipment was installed at South Falls power house and power supplied to the construction feeder for Trethewey Falls development.

Beaumaris rural power district distributing station was erected and placed in service, July, 1928. This station situated at the north-west limits of Bracebridge, has three 50-kv-a. transformers, and is supplied from the 22,000-volt line section M 1 X 2.

Excessive floods were experienced in the south branch of the Muskoka river in the spring of 1928, resulting in high tailwater at the South Falls plant where a small amount of damage was done but the service to the system was maintained.

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|-----------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| SEVERN DIVISION | | | | | |
| Alliston..... | 158.6 | 175.6 | 189.0 | ..... | 13.4 |
| Barrie..... | 1,612.1 | 1,739.9 | 1,878.5 | ..... | 138.6 |
| Beeton..... | 111.2 | 113.9 | 124.1 | ..... | 10.2 |
| Bradford..... | 138.0 | 215.8 | 134.0 | 81.8 | ..... |
| Camp Borden..... | 191.7 | 181.0 | 279.0 | ..... | 98.0 |
| Coldwater..... | 98.4 | 89.8 | 130.0 | ..... | 40.2 |
| Collingwood..... | 1,179.0 | 1,174.5 | 1,190.0 | ..... | 15.5 |
| Cookstown..... | 50.4 | 49.6 | 49.6 | ..... | ..... |
| Creemore..... | 95.8 | 92.5 | 94.3 | ..... | 1.8 |
| Elmvale..... | 133.6 | 175.8 | 158.7 | 17.1 | ..... |
| Midland..... | 3,572.4 | 4,928.1 | 4,190.3 | 737.8 | ..... |
| Penetang..... | 553.3 | 556.3 | 521.4 | 34.9 | ..... |
| Port McNicoll..... | 70.6 | 77.1 | 82.4 | ..... | 5.3 |
| Stayner..... | 109.9 | 123.8 | 123.3 | 0.5 | ..... |
| Thornton..... | 28.1 | 23.6 | 29.0 | ..... | 5.4 |
| Tottenham..... | 50.1 | 54.4 | 59.5 | ..... | 5.1 |
| Victoria Harbour..... | 67.7 | 74.4 | 69.7 | 4.7 | ..... |
| Waubashene..... | 36.2 | 39.5 | 39.4 | 0.1 | ..... |

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928—Continued

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|-----------------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| EUGENIA DIVISION | | | | | |
| Arthur..... | 101.0 | 99.2 | 103.2 | ..... | 4.0 |
| Carlsruhe and Neustadt..... | 66.3 | 64.9 | 99.2 | ..... | 34.3 |
| Chatsworth..... | 37.5 | 42.9 | 52.9 | ..... | 10.0 |
| Chesley..... | 351.2 | 382.0 | 395.4 | ..... | 13.4 |
| Dundalk..... | 122.0 | 109.8 | 157.3 | ..... | 47.5 |
| Durham..... | 542.0 | 540.9 | 565.7 | ..... | 24.8 |
| Elmwood..... | 49.0 | 46.2 | 45.5 | 0.7 | ..... |
| Flesherton..... | 65.1 | 67.9 | 76.6 | ..... | 8.7 |
| Grand Valley..... | 80.4 | 76.4 | 107.2 | ..... | 30.8 |
| Hanover..... | 765.4 | 831.0 | 914.2 | ..... | 83.2 |
| Holstein..... | 10.0 | 11.0 | 17.7 | ..... | 6.7 |
| Hornings Mills..... | 5.0 | 8.0 | 8.0 | ..... | ..... |
| Kincardine..... | 276.1 | 265.4 | 341.8 | ..... | 76.4 |
| Lucknow..... | 117.3 | 141.3 | 158.2 | ..... | 16.9 |
| Markdale..... | 107.6 | 121.5 | 140.2 | ..... | 18.7 |
| Meaford..... | 269.4 | 351.0 | 333.8 | 17.2 | ..... |
| Mount Forest..... | 268.9 | 268.9 | 286.8 | ..... | 17.9 |
| Orangeville..... | 337.8 | 386.1 | 473.5 | ..... | 87.4 |
| Owen Sound..... | 1,990.6 | 2,405.0 | 2,776.1 | ..... | 371.1 |
| Paisley..... | 80.4 | 98.4 | 112.6 | ..... | 14.2 |
| Priceville..... | 12.7 | 12.0 | 11.5 | 0.5 | ..... |
| Ripley..... | 51.0 | 50.4 | 60.3 | ..... | 9.9 |
| Shelburne..... | 238.9 | 218.4 | 300.1 | ..... | 81.7 |
| Tara..... | 53.6 | 62.3 | 57.3 | 5.0 | ..... |
| Teeswater..... | 136.2 | 154.0 | 142.0 | 12.0 | ..... |
| Wingham..... | 281.5 | 321.7 | 319.0 | 2.7 | ..... |
| WASDELLS DIVISION | | | | | |
| Beaverton..... | 175.3 | 165.7 | 197.0 | ..... | 31.3 |
| Brechin..... | 54.1 | 52.3 | 52.2 | 0.1 | ..... |
| Cannington..... | 125.4 | 123.3 | 137.5 | ..... | 14.2 |
| Kirkfield..... | 21.0 | 22.1 | 22.0 | 0.1 | ..... |
| Port Perry..... | 142.9 | 167.9 | 161.2 | 6.7 | ..... |
| Sunderland..... | 49.6 | 54.3 | 61.0 | ..... | 6.7 |
| Uxbridge..... | 140.7 | 155.5 | 189.0 | ..... | 33.5 |
| Victoria Rd..... | 11.6 | 10.7 | 9.7 | 1.0 | ..... |
| Woodville..... | 57.4 | 54.0 | 51.3 | 2.7 | ..... |
| MUSKOKA DIVISION | | | | | |
| Gravenhurst..... | 398.6 | 422.0 | 538.8 | ..... | 116.8 |
| Huntsville..... | 1,120.6 | 1,140.0 | 1,029.5 | 110.5 | ..... |

GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS, 1926-1927-1928

| Rural power district | Peak load in horsepower | | | Change in load 1927-1928 | |
|--------------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| SEVERN DIVISION | | | | | |
| Barrie..... | 16.7 | 28.1 | 38.4 | ..... | 10.3 |
| Elmvale..... | 8.5 | 14.7 | 15.0 | ..... | 0.3 |
| Nottawasaga..... | 20.7 | 25.5 | 28.5 | ..... | 3.0 |
| Stayner..... | 20.1 | 26.8 | 36.2 | ..... | 9.4 |
| EUGENIA DIVISION | | | | | |
| Flesherton..... | 4.0 | 4.1 | 4.2 | ..... | 0.1 |
| Markdale..... | 5.0 | 0.5 | 0.5 | ..... | ..... |
| Orangeville..... | ..... | 17.4 | 30.0 | ..... | 12.6 |
| Shelburne..... | 2.3 | 3.3 | 2.8 | 0.5 | ..... |
| Tara..... | 0.75 | 0.75 | 15.0 | ..... | 14.25 |
| Walkerton..... | ..... | 1.5 | 1.5 | ..... | ..... |
| WASDELLS DIVISION | | | | | |
| Cannington No. 1..... | 17.0 | 13.0 | 17.0 | ..... | 4.0 |
| Cannington No. 2..... | 21.4 | 23.4 | 14.7 | 8.7 | ..... |
| Georgina..... | 22.5 | 34.0 | 33.5 | 0.5 | ..... |
| Mariposa..... | 59.0 | 67.0 | 67.7 | ..... | ..... |
| Port Perry..... | 6.0 | 13.0 | 22.0 | ..... | 9.0 |
| Sparrow Lake..... | 31.5 | 41.5 | 55.6 | ..... | 14.1 |
| Uxbridge..... | 5.0 | 6.0 | 8.0 | ..... | 2.0 |

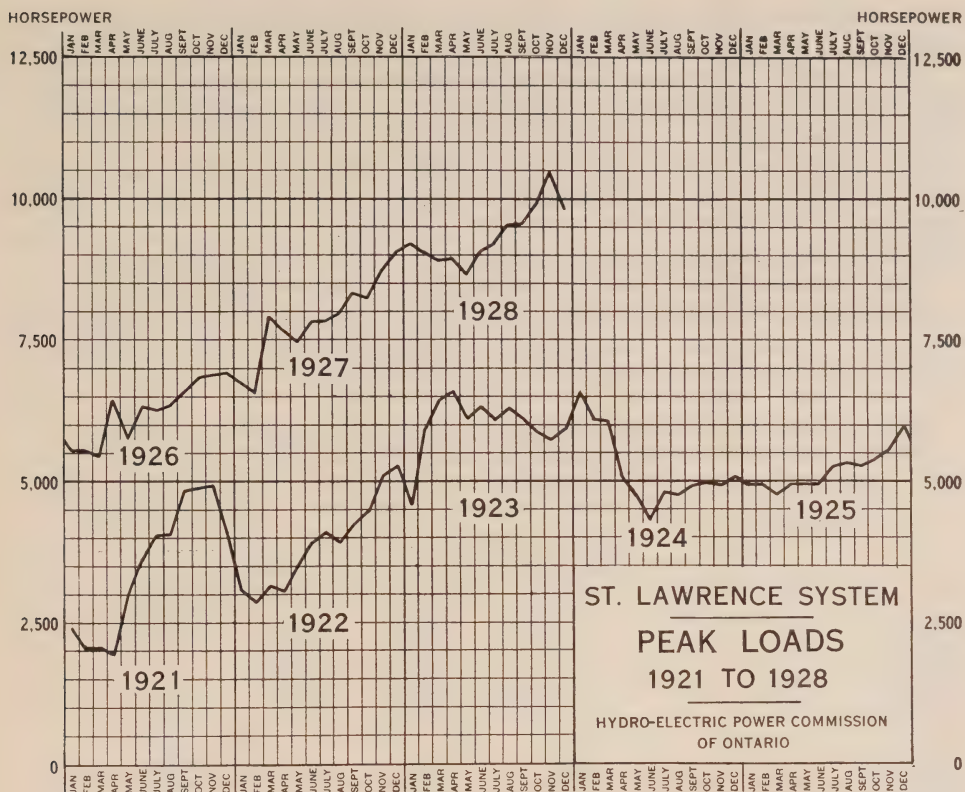
GEORGIAN BAY SYSTEM—NEW RURAL POWER DISTRICTS

| Rural power district | Date connected | Load in horsepower | | Change in load | |
|----------------------|-------------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Beaumaris..... | July 1, 1928 | 63.0 | 41.5 | 21.5 | ..... |
| Buckskin..... | July 23, 1928 | 11.6 | 10.4 | 1.2 | ..... |
| Innisfil..... | July 1, 1928 | 57.6 | 29.5 | 28.1 | ..... |

ST. LAWRENCE SYSTEM

The peak load on the St. Lawrence system has again shown a decided increase throughout the year. As mentioned in last year's Report, arrangements were made with the Cedars Rapids Transmission Company to increase the power contract by an additional 1,200 horsepower to meet the increasing load demand. The peak load each month, without exception, has exceeded the total contract allotment, the above company having continued to supply the increased demand. While certain of the municipalities have shown an increase over the previous year, the industrial customers served directly by the Commission are largely responsible for the load increase.

An interruption of prolonged duration was experienced during the month of January due to the failure of the power supply from the Cedars Rapids Transmission Company's lines. Other interruptions, but only of short duration, were also experienced during the month of July.



At Morrisburg station the 300-kv-a., 44,000/26,400-volt transformer was almost totally destroyed by fire, following a severe wind and sleet storm during the latter part of December, 1927. For some time trouble had been experienced with the 26,400-volt line extending from Morrisburg station to Winchester and Chesterville, owing to insulator and pin failures. Re-insulation of this line had been included in this year's line maintenance program, but in view of the loss of the 44,000/26,400-volt transformer it was considered expedient at this time to dispense with the Morrisburg station and reinsulate the line to operate at 44,000-volts. This change was accordingly made and the line is now connected direct to the main trunk line.

At Chesterville distributing station a second 300-kv-a. transformer was installed to take care of the increasing load demand in this district. This transformer was placed in service on June 17.

At the Howard Smith Paper Company's substation an additional 750-kv-a. transformer was installed temporarily in November, 1927. The load at this station has continued to increase and the transformer is still in service.

At Winchester distributing station, one of the 50-kv-a. single-phase indoor-type transformers failed in service. This bank of three 50-kv-a. units was replaced by one 300-kv-a. outdoor transformer, which was placed in service on May 24.

An improved type of lightning arrester was installed at both Chesterville and Winchester stations.

As a safety measure, chain link fences were constructed around each of the above station structures.

At Prescott distributing station the 300-kv-a. transformer was replaced with a 750-kv-a. transformer to take care of increasing load demand. This transformer was placed in service on July 1.

Extensive line maintenance work has been carried out on several sections of the 44,000-volt lines in replacing defective pin-type and suspension-type insulators. Considerable work was done in stubbing, charring and treating pole butts, tree trimming and replacing crossarms and pins where necessary.

Work has been very active all summer on the line extending from Cornwall to Alexandria. All defective suspension insulators were replaced, corner and angle poles straightened, and the line sags were adjusted where necessary. This work has made a decided improvement in this line.

ST. LAWRENCE SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

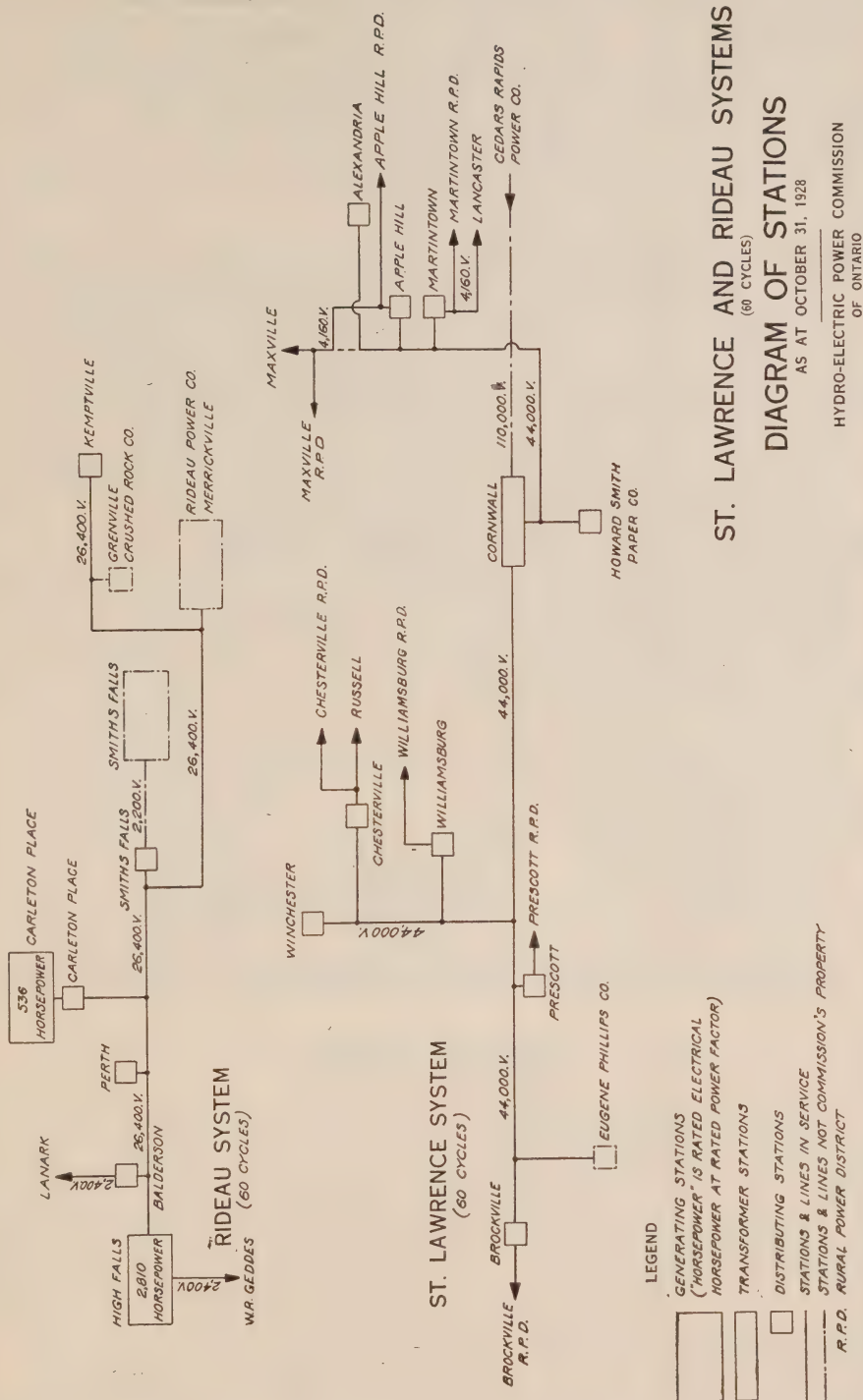
| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|-------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Alexandria..... | 229.2 | 248.0 | 232.1 | 15.9 | ..... |
| Apple Hill..... | 28.8 | 30.8 | 30.0 | 0.8 | ..... |
| Brockville..... | 1,398.6 | 1,428.0 | 1,732.9 | ..... | 304.9 |
| Chesterville..... | 241.3 | 268.6 | 248.0 | 20.6 | ..... |
| Lancaster..... | 26.6 | 25.1 | 37.6 | ..... | 12.5 |
| Martintown..... | 19.5 | 18.1 | 17.5 | 0.6 | ..... |
| Maxville..... | 52.2 | 48.0 | 50.0 | ..... | 2.0 |
| Prescott..... | 427.6 | 505.6 | 570.6 | ..... | 65.0 |
| Russell..... | 67.0 | 38.9 | 61.5 | ..... | 22.6 |
| Williamsburg..... | 27.0 | 31.5 | 37.4 | ..... | 5.9 |
| Winchester..... | 145.5 | 172.9 | 182.3 | ..... | 9.4 |

ST. LAWRENCE SYSTEM—NEW MUNICIPALITIES

| Municipality | Date connected | Load in horsepower | | Change in load | |
|--------------|-------------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Finch..... | Jan. 31, 1928 | 17.2 | 30.5 | ..... | 13.3 |

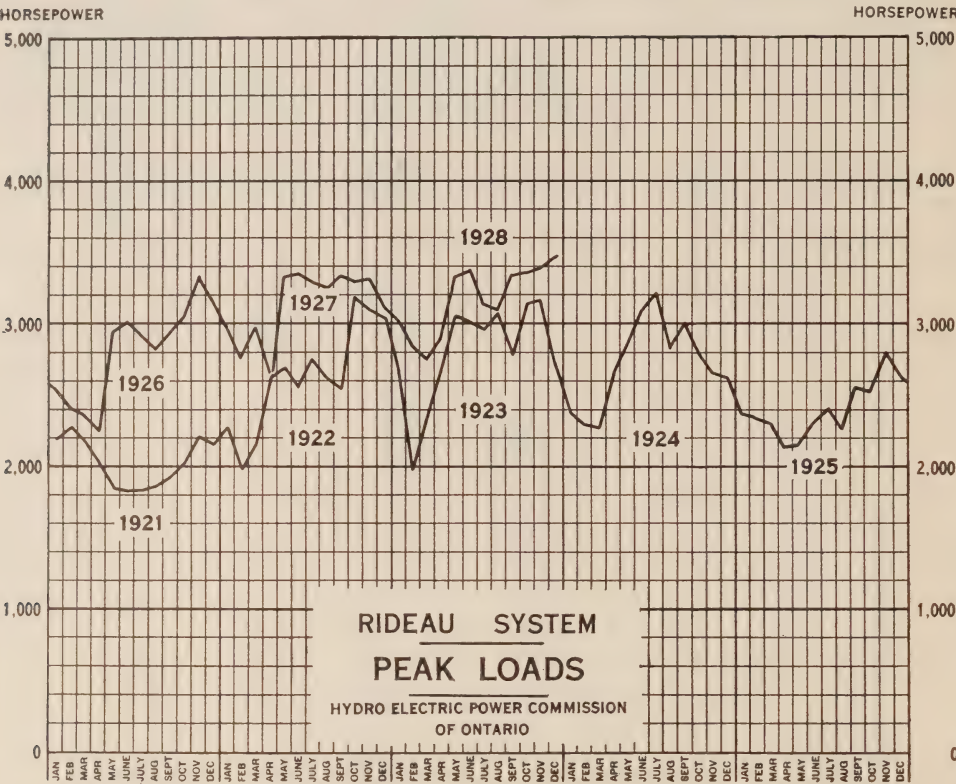
ST. LAWRENCE SYSTEM—RURAL POWER DISTRICT LOADS, 1926-1927-1928

| Rural power district | Peak load in horsepower | | | Change in load 1927-1928 | |
|----------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Apple Hill..... | ..... | 28.5 | 22.0 | 6.5 | ..... |
| Brockville..... | 61.1 | 46.5 | 47.2 | ..... | 0.7 |
| Chesterville..... | 25.7 | 31.5 | 51.3 | ..... | 19.8 |
| Martintown..... | 26.2 | 30.5 | 28.2 | 2.3 | ..... |
| Prescott..... | 54.9 | 46.9 | 56.7 | ..... | 9.8 |



ST. LAWRENCE SYSTEM—NEW RURAL POWER DISTRICTS

| Rural power district | Date connected | Load in horsepower | | Change in load | |
|----------------------|----------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Maxville..... | Dec. 10, 1927 | 1.0 | 0.7 | 0.3 | ..... |
| Williamsburg..... | Nov. 1, 1927 | 0.7 | 2.0 | ..... | 1.3 |

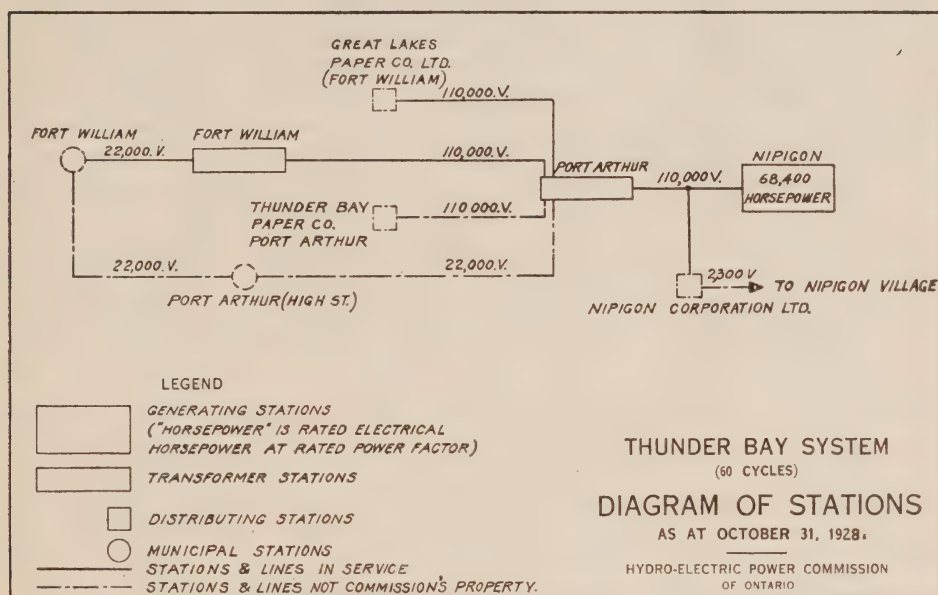


RIDEAU SYSTEM

Operating conditions generally on the Rideau system have been uniformly satisfactory throughout the fiscal year. Water conditions have been very favourable for power development in that there was always an abundant supply. During the latter part of the month of October the system generating capacity was somewhat curtailed owing to the destruction by fire of the Rideau Power Company's generating station at Merrickville. However, no inconvenience resulted as the Commission's generating station at Carleton Place was able to supply sufficient power during peak load periods to assist the High Falls plant and keep the system generating capacity above load requirements. The usual routine maintenance of lines and station equipment was carried out. No extensive repairs or alterations were found necessary. Due to field organization changes the system superintendent has been stationed at Smiths Falls.

RIDEAU SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|---------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Carleton Place..... | 670.2 | 642.0 | 749.3 | ..... | 107.3 |
| Kemptville..... | 173.0 | 183.3 | 174.9 | 8.4 | ..... |
| Lanark..... | 39.1 | 43.9 | 49.8 | ..... | 5.9 |
| Perth..... | 678.3 | 660.8 | 725.2 | ..... | 64.4 |
| Smiths Falls..... | 1,013.4 | 1,067.8 | 1,292.2 | ..... | 224.4 |

THUNDER BAY SYSTEM

The load on the Thunder Bay system has remained throughout the year at nearly the same level as during the preceding year. However, a new system peak and a high average daily load was established during September due to the extra power required to handle the grain, combined with the resumption of operations by the Great Lakes Paper Company. Notwithstanding that this large customer ceased pulp production in September, 1927, to carry out extensions to its mill, and only resumed operation on a limited scale in August, 1928, the system peak loads have shown practically no decrease. The shut down of the Thunder Bay Paper Company's mill at Port Arthur on the first of October reduces the system load below that established in September.

The original section of 110,000-volt wood-pole line between Reserve junction and Sprucewood junction (section P57 x 50), which was taken out of service on May 3, 1927, when a new steel-tower line on this section was placed in service, was returned to service on November 13, 1927. This gives two direct circuits

from the Cameron Falls generating station to Port Arthur transformer station. The re-arrangement of tap connections at Sprucewood junction and Reserve junction, and the installation of two 110,000-volt sectionalizing switches at Nipigon junction, completed February 5, 1928, now enables power to be supplied to the Nipigon Corporation station from either line, and thus greatly improves the flexibility of the 110,000-volt line system for maintenance purposes as well as for normal operation.

A new motor-driven governor pump unit, similar to the two already in service, has been installed at Cameron Falls station during the year (on August 24, 1928). This reserve equipment adds somewhat to the reliability of the station.

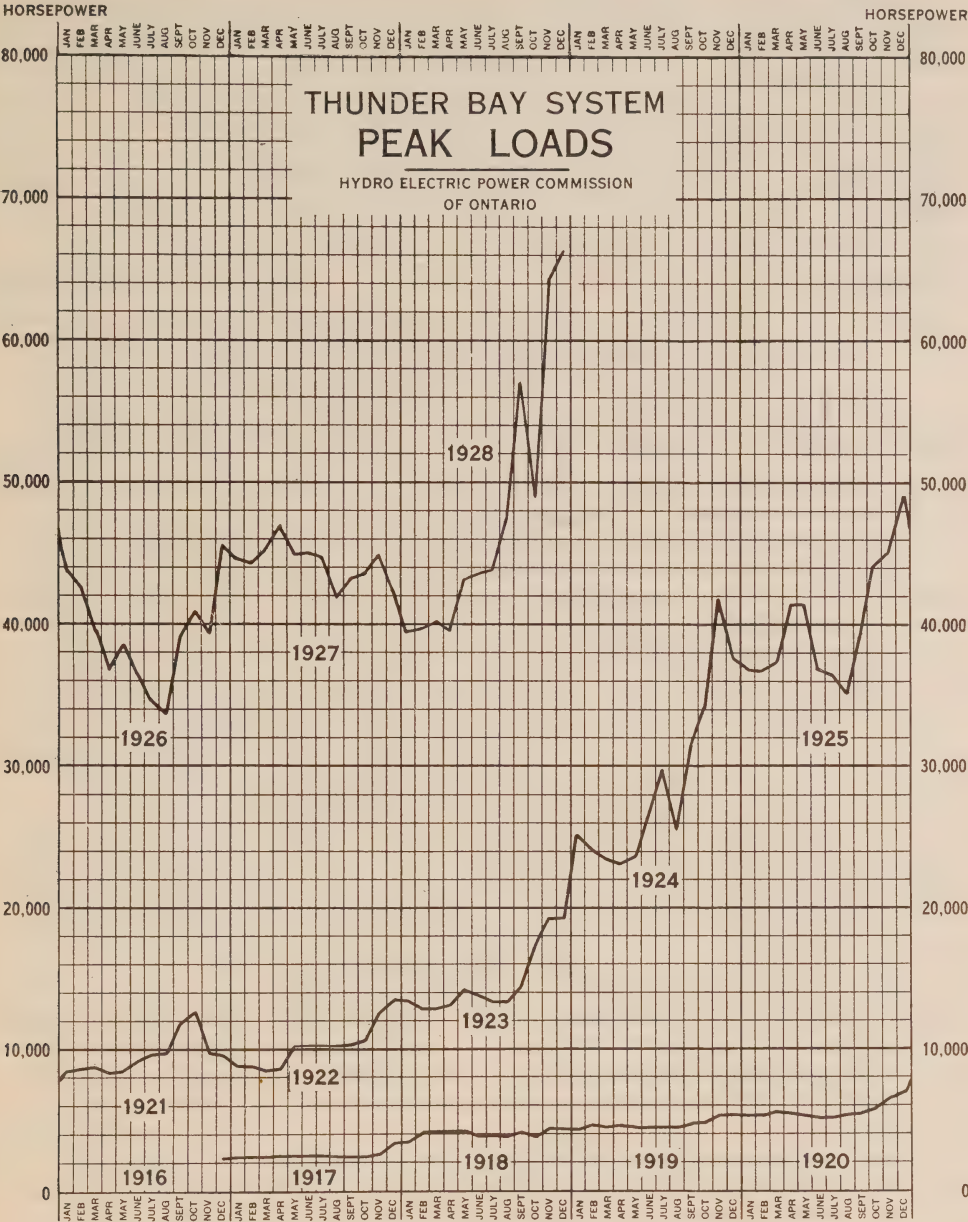
There has been a large amount of hydraulic maintenance done at the Cameron Falls generating station this year. The new cast steel runner for No. 5 unit, referred to in last year's Report, was installed and the unit returned to service May 19, 1928. The new runner is operating very satisfactorily. A new Woodward governor was installed on this unit also, as well as on No. 6 unit, and these are giving excellent service. Advantage has been taken of the fact that the manufacturers were making some changes to generators number 3 and 4, to dismantle and completely overhaul the turbines on these units. The eroded areas on the runners of these units, which were becoming rather extensive in area and depth, were repaired by electric welding. Some minor repairs have been necessary on the cables operating the headgates of units number 3 and 4, and on the stop-log winch of the main dam. The air compressor for the governor system was damaged while trying to use it to supply air for tools during the repair of the turbine runner, but has been properly repaired and a suitable air compressor for this purpose has been installed during September.

Excellent service has been obtained from the transmission lines this year. While there have been two instances during the year in which the circuit on the steel-tower line was cleared at both ends automatically, this did not affect service to any customer. The adding of side guys to the unguyed poles of the wood-pole line was continued during the season. The work of treating the poles at the ground line to arrest decay was carried on during suitable weather this season, also the usual cutting of brush along the right-of-way.

The Port Arthur transformer station has operated continuously with no failures of equipment. During the summer the 110,000-volt bushings in the transformers, which had been supplied with compound filling, had this filling replaced with oil. Correct operation of relays and breakers has been secured in each case of system disturbance throughout the year, due to the care which has been exercised in the adjustment and maintenance of this equipment. The outdoor equipment at this station has been practically all re-painted during the year.

The Fort William transformer station has also functioned in an entirely satisfactory manner, there having been no special maintenance work required at this station during the year.

On account of the extremely heavy precipitation during 1927 it was found necessary to let much water go to waste past the Cameron Falls generating station during practically the entire year 1927, and this has been carried on during the year of 1928. The rainfall this year, also, has been well above the average precipitation for this district, and it may be necessary to continue spilling water for some time longer to avoid carrying too much water in storage in Lake Nipigon.

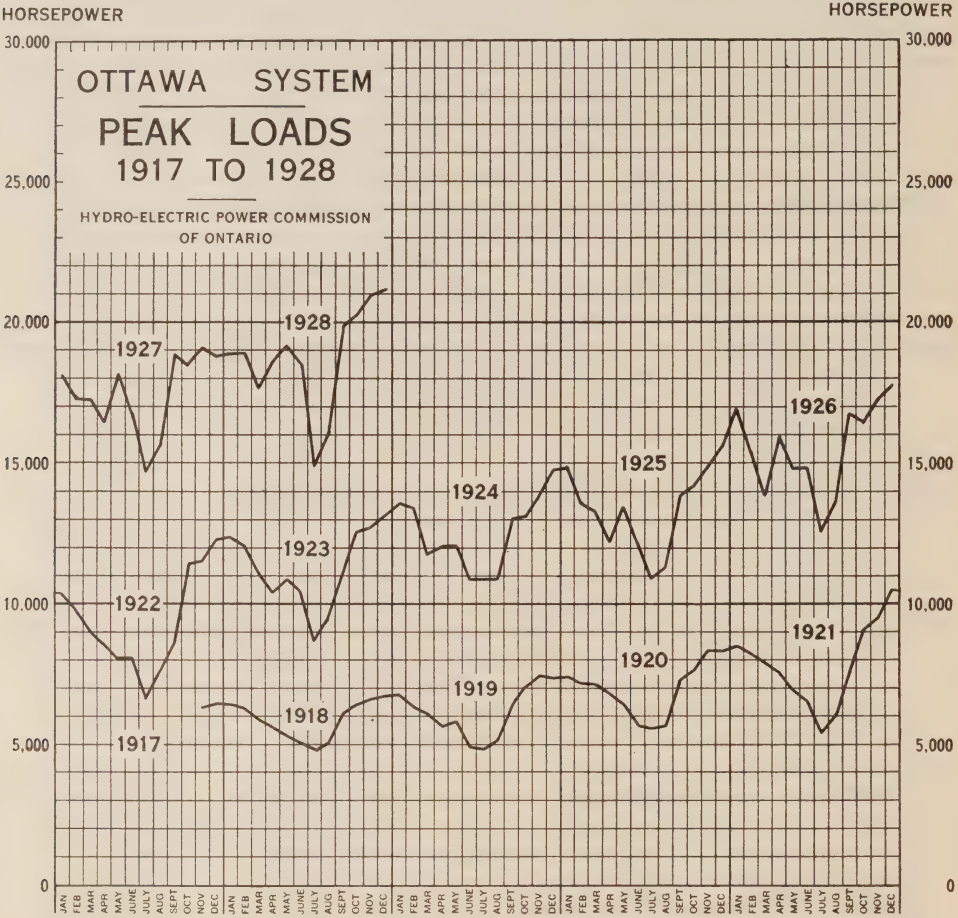


Radio Communication

The two short-wave radio stations at Cameron Falls and Toronto have been kept in service continuously during the past year with only a very few days interruption due to atmospheric conditions. The only station trouble has been due to the failure of the high-voltage generator at the transmitting station at Toronto. The defective armature was replaced, without material interference with service, and will be rewound and returned to operation.

THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|-----------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Fort William..... | 1,555.0 | 8,635.0 | 10,556.3 | ..... | 1,921.3 |
| Nipigon township..... | 50.3 | 48.2 | 56.2 | ..... | 8.0 |
| Port Arthur..... | 26,541.0 | 32,392.7 | 27,839.1 | 4,553.6 | ..... |



OTTAWA SYSTEM

During the present fiscal year the Ottawa system has continued to make its customary increase in load. Operating conditions have been satisfactory throughout the year, except for a short period in the spring when flood conditions on the Ottawa river curtailed the supply of power available from the Ottawa and Hull Power Company.

The village of Richmond was connected for service on July 25 over the newly constructed 4,600-volt transmission line.

OTTAWA SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|--------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Ottawa..... | 16,355 | 18,480 | 20,241 | ..... | 1,761 |

NOTE.—Nepean rural power district and Richmond loads are included in Ottawa load to the extent of 131 horsepower for October, 1926, 295 horsepower for October, 1927 and 282 horsepower for October, 1928.

CENTRAL ONTARIO AND TRENT SYSTEM

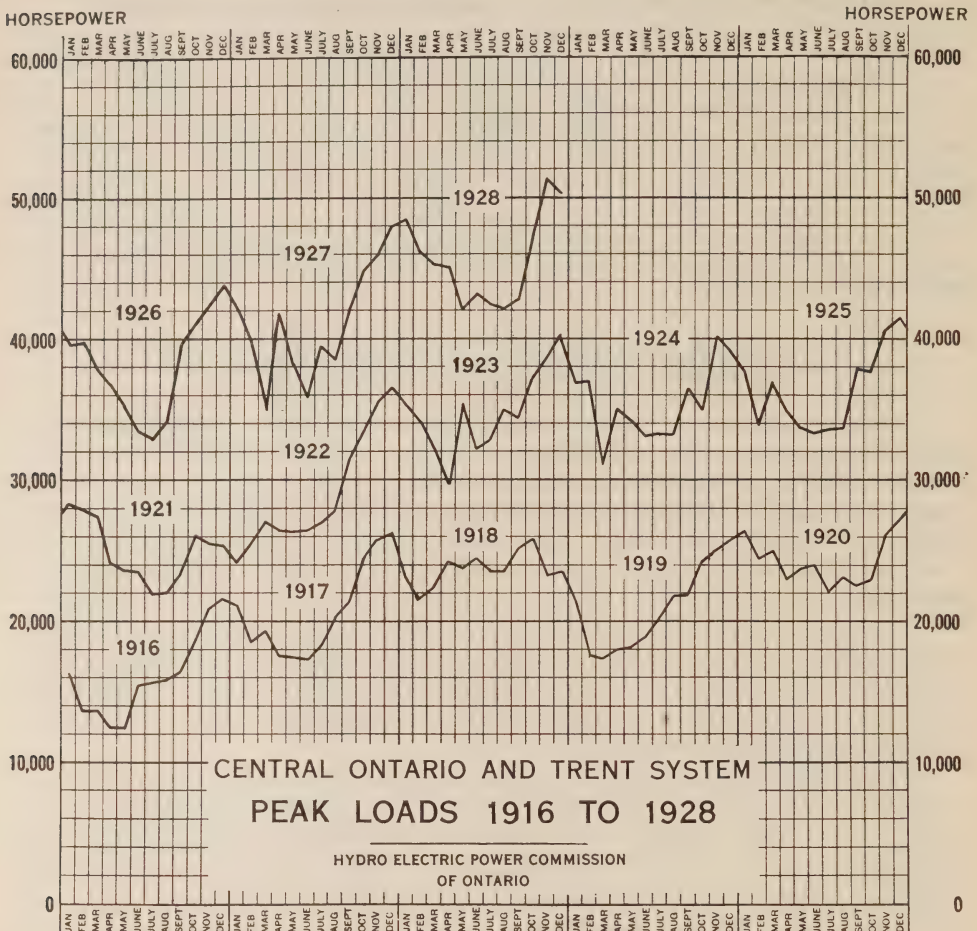
From an operating viewpoint conditions on the Central Ontario and Trent system have been entirely satisfactory throughout the present fiscal year. The demand for power, both in peak and average load, has again shown a substantial increase but the load was at all times within the capacity of the generating stations. However, load reductions, extending to municipal power loads and street lighting, were necessary on December 8 and 9 due to severe frazile ice conditions.

The newly-constructed 44,000-volt transmission line extending from Trenton to Oshawa has proved to be a decided operating betterment, and voltage regulation has been greatly improved at all stations along the line. This new line will also facilitate work in connection with line maintenance, and greatly reduce the probability of interruptions to service.

Telephone communication throughout the system has been greatly improved by the installation of standard protective equipment. Previously, many stations were only equipped with small carbon arresters and great difficulty was experienced owing to the carbons short circuiting the line following line surges. Furthermore it was found that trouble was experienced with the telephone equipment following system disturbances due to the flow of fault current. This condition has been greatly improved by separating the station grounds from the high-tension neutral grounds, which have been extended a matter of 700 feet from the stations. A new telephone line is under construction from Kingston to Belleville, and will be completed at an early date. This line will be connected through suitable protective and switching equipment with the Ottawa, St. Lawrence and Rideau systems for the purpose of load dispatching.

The usual maintenance of stations and buildings was carried out. The brick work of some of the properties was partially repointed. Extensive repairs have been made to the roofs of several of the transformer stations. Painting by means of the spray gun was carried out at many of the stations.

At plant No. 2 all turbines were unwatered and thoroughly inspected, and it was necessary to replace only three broken gates. The headgates were scraped, wire-brushed and painted while the machines were unwatered. A new ball thrust bearing was installed on the turbine exciter unit. All the steel work and outdoor structure was painted. At Sidney terminal station the high-tension neutral was extended a matter of 600 feet and grounded in the river bed. This change has considerably relieved the stresses which previously caused frequent trouble on the telephone equipment at this station.

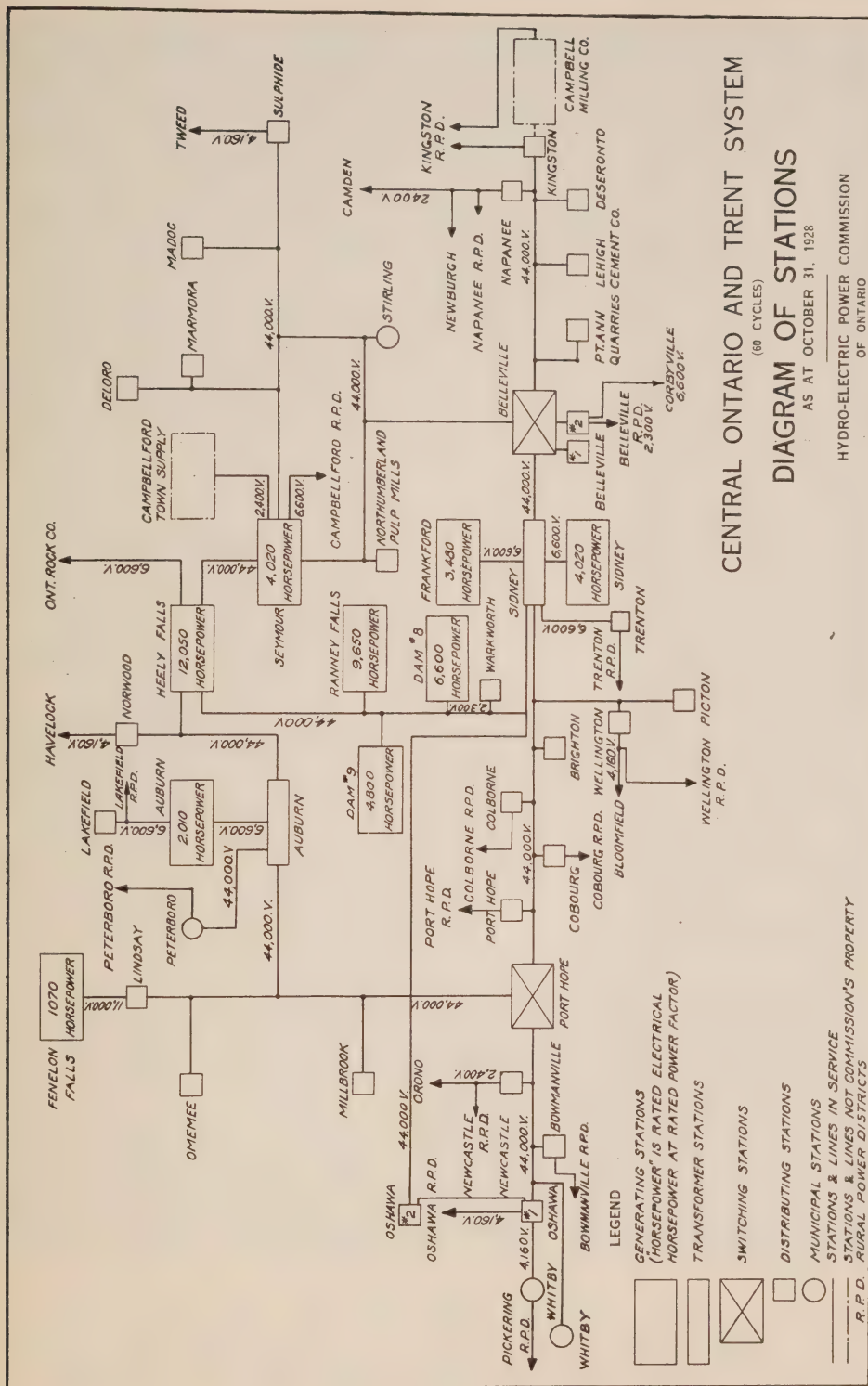


At plant No. 5 the turbines and governors were all overhauled. It was found necessary to replace several broken gates and gate links. A defective guide bearing in one of the turbines was rebabbitted.

At plant No. 8 no extensive maintenance was found necessary. One of the units was unwatered for the purpose of removing debris from the turbine casing. The defective brakes on one generator were replaced. New thermometers were installed on each of the power transformers.

An emergency telephone circuit was established between No. 8 power house and plant No. 10, using a pair of conductors in the supervisory cable.

At plant No. 9 one of the 44,000-volt, 1,350-kv-a. transformers failed in service on February 15. This transformer was returned to the manufacturer, rewound and placed back in service on June 13. Two of the high-tension oil-breaker bushings failed and were returned to the manufacturer for repairs. An emergency telephone circuit was established at this plant similarly to that at plant No. 8.



At plant No. 10 the forebay was unwatered and a large amount of gravel, stone and debris was removed. While the forebay was unwatered a thorough inspection of the turbines was made. The lignum vitae bearings were adjusted, the stuffing boxes above the bearings were repacked to stop the water leaks, and one broken gate lever was replaced. The storage battery was completely overhauled. Telephone equipment was installed at this plant for emergency service with plants No. 8 and No. 9. The high-tension bus-tie oil-breaker, and each of the generator oil-breakers, were thoroughly overhauled. The voltage regulators were greatly improved by the installation of pulsating resistances and new shunting magnet control springs.

At plant No. 11 extensive repairs were made to the station roof, and the walls were partially repointed. All the turbines and governors were thoroughly inspected. The bottom bearing of one turbine was rebabbitted and the centre guide bearing was shimmed to give proper alignment. The crown gears of two units were repaired. A defective bearing in the exciter turbine was replaced. The high-tension transformer neutrals were grounded through individual switches.

At plant No. 14 all the turbines and governors were thoroughly inspected and the necessary repairs made. A new crown gear was installed on the turbine exciter valve, and a new control cable was installed between this valve and the switchboard. Painting was done on all the turbine casings in the power house, on the penstock of one unit and on all the steel work in the gate-house. The coils and laminations of one generator were tightened down and all generators were painted. Two of the old 44,000-volt line oil-breakers were replaced with breakers having a higher rupturing capacity.

At plant No. 18 extensive repairs were made to one of the turbines, all defective gate links, link pins, and bushings being replaced. One of the main bearings was rebabbitted. It was found necessary on two occasions to unwater one of the other turbines for the purpose of removing drift wood and other debris from the turbine pit. This debris collects in the turbine pits during the winter when the wooden fenders at the top of the racks are removed. Four broken gates were replaced, and the governors were all overhauled. A defective coil was replaced in one of the generators. All the low-tension oil-breakers were overhauled.

At the Auburn transformer station the neutral of each of the high-tension transformers was brought out and connected individually through disconnecting switches to an insulated neutral bus. A ground conductor was extended from this bus to a ground plate in the forebay, a matter of 600 feet above the racks of the generating station. The high-tension line relay protection was greatly improved by the above installation. A current transformer was installed in the neutral bus to provide a source of current for the directional residual ground and timing relays. The high tension relay panel was moved from the transformer station and installed in the generating station. A defective high-tension oil-breaker in the line supplying power to Peterboro was replaced by one of the reserve oil-breakers.

At plant No. 30 both of the main turbines and the exciter turbine were inspected. No major repairs were found necessary. The forebay wall was seriously damaged during the spring freshet due to the action of the ice in an eddy at the back of the diverting wall. Repairs were completed on July 10 and the plant was again placed in service on July 14.

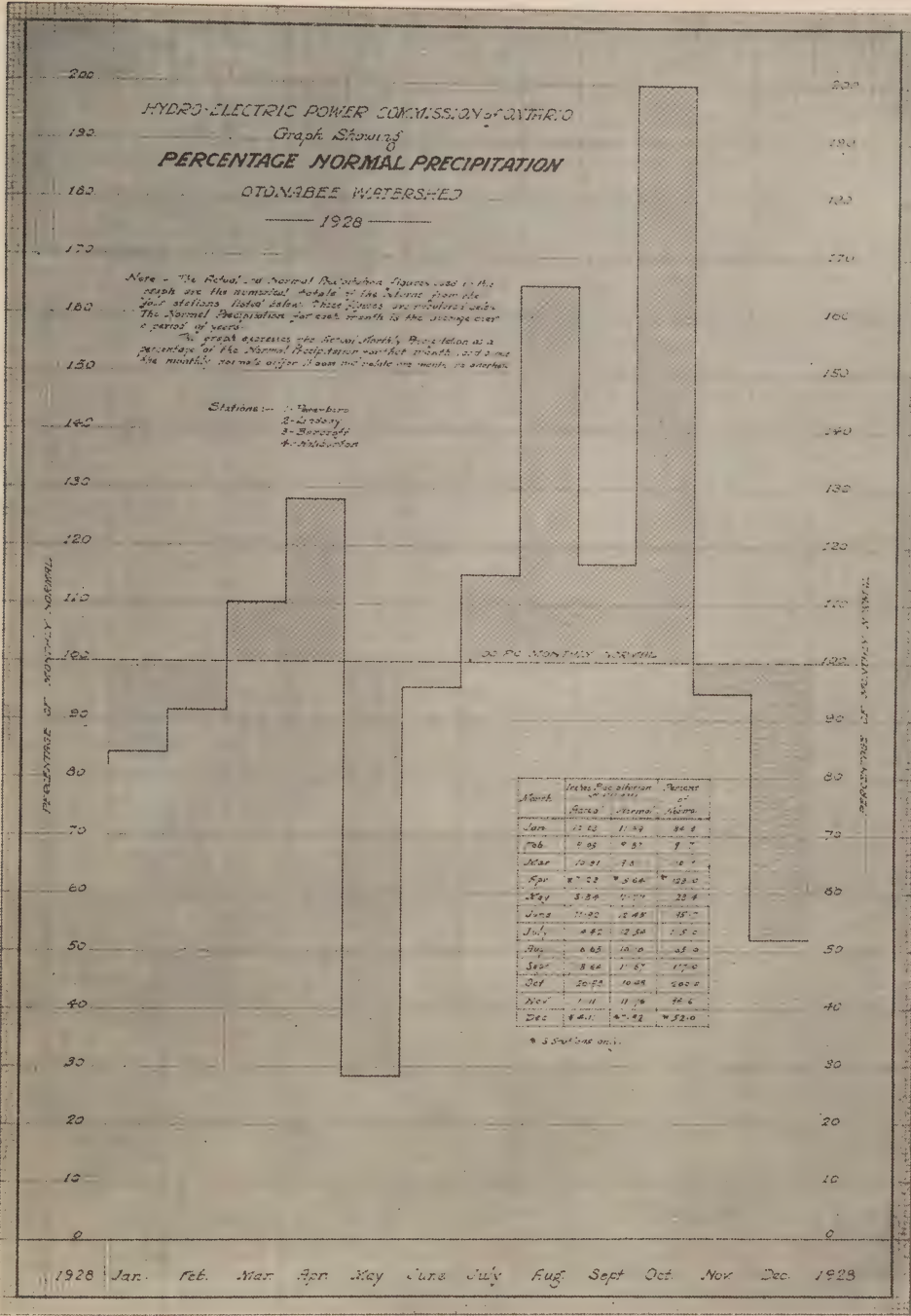


PLATE A—PRECIPITATION DATA

This graph represents the estimated actual monthly precipitation on the Otonabee watershed expressed as a percentage of the normal precipitation.

The estimate is based upon the actual and normal returns of the Meteorological Service for Peterboro, Lindsay, Bancroft and Haliburton. (See inset table.)

Although the numerical values differ from month to month the normal precipitation is taken as 100 per cent., hence the solidly hatched areas represent the amount by which the precipitation exceeded the average while the dotted hatched area represents in a similar manner the deficiencies.

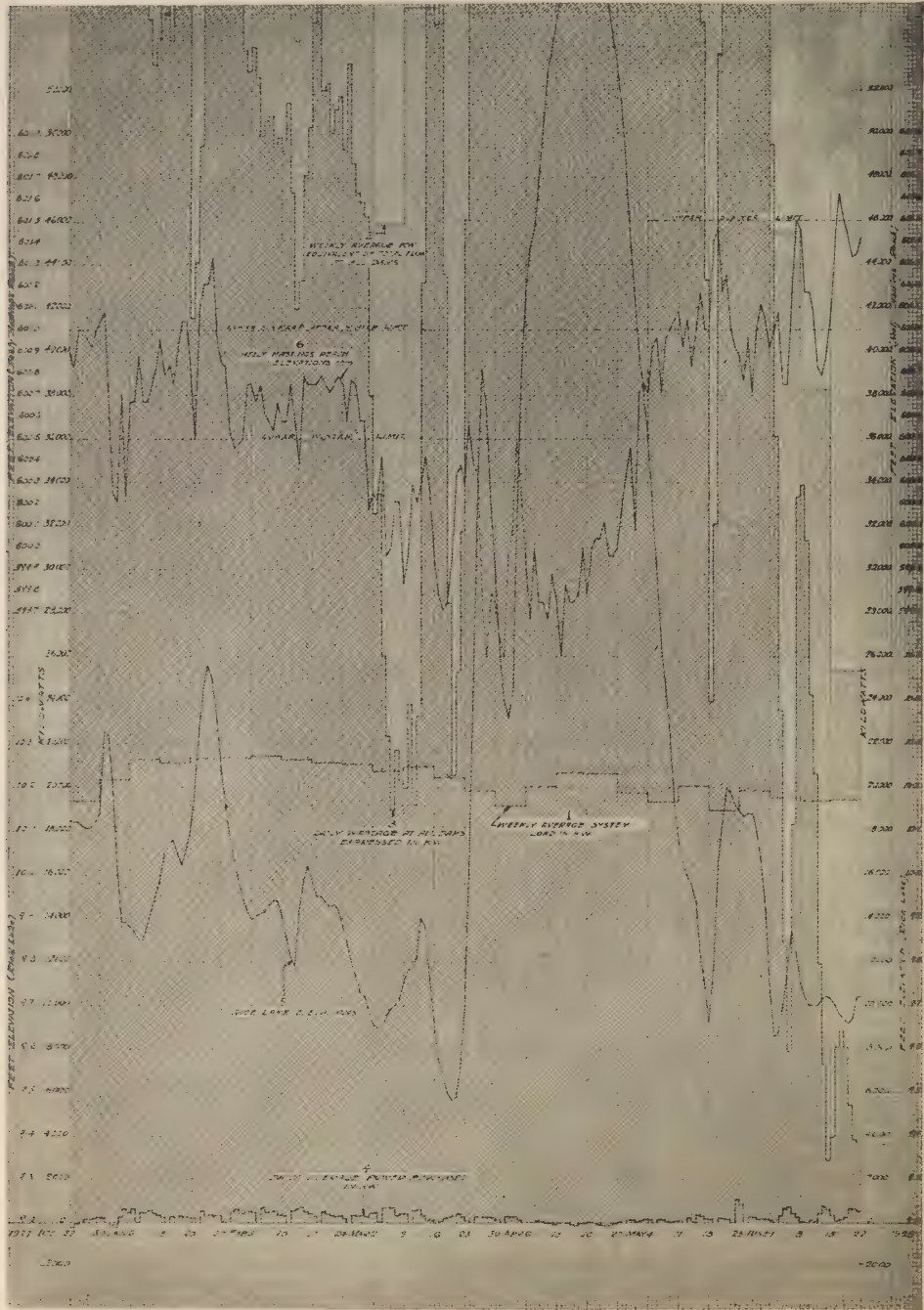


PLATE B1—GENERAL OPERATING DATA
December 23, 1927, to June 22, 1928

GRAPH No. 1—System average weekly load in kilowatts.

GRAPH No. 2—Weekly average power equivalent of total flow at all dams. This equals the weekly average system load plus the power equivalent of the weekly average wastage of water at all plants from which the Commission derives its regular supply. The wastage is shown by the dotted hatched area between graphs 2 and 1.

(Description continued on opposite page.)

Due to the rapid load increase in the Oshawa district, a second 3,000-kv-a. transformer was installed on January 26 in the No. 1 substation, bringing the total capacity of this station up to 9,000-kv-a. A temporary 44,000-volt substation was built on the west side of the Oshawa boulevard to serve the north-east section of the town. One 3,000-kv-a. self-cooled transformer was installed in this station and connected for service on May 20.

Additional feeder capacity was installed in the No. 1 Oshawa substation to take care of the increasing load demand of the industrial customers. The transformer high-tension neutrals at this station were connected through individual switches to a ground bus. Directional residual ground and timing relays were installed. A new twelve cell storage battery was installed at this station for operating the oil-breakers.

At Whitby the newly constructed 750-kv-a., 44,000/4,000-volt municipal station was placed in service on October 24.

At Colborne distributing station an additional 100-kv-a. transformer was installed and placed in service on March 10.

At Kingston an additional 750-kv-a. transformer was installed and placed in service on March 15 to meet the increasing load demand in this district. The 44,000-volt oil-breaker at this station was thoroughly overhauled.

At Lindsay transformer station the electrolytic lightning arresters and all the oil-breakers were overhauled. One of the 750-kv-a. transformers failed in service and was temporarily replaced by a reserve transformer of the same capacity. The line relay protection at this station was improved by the installation of additional current transformers on the 11,000-volt feeders.

At Norwood distributing station a defective bushing in the 300-kv-a. transformer was replaced. The 44,000-volt air-break switch was overhauled.

At Belleville a second substation was constructed immediately adjacent to the switching station. This station is equipped with one 750-kv-a., 44,000/2,400-volt transformer for supplying power to both a local and a rural feeder, and one 750-kv-a., 44,000/6,600-volt transformer for supplying power to an industrial customer. This customer was previously fed from No. 1 substation.

At the Belleville switching station a new bus-tie rotor-type disconnecting switch was installed, replacing an obsolete type of switch which was defective. All of the steel structure and the towers were painted. A defective 44,000-volt current transformer on one of the high-tension lines was replaced.

An extensive program of line maintenance was carried out during the year. A large number of defective pin-type insulators were replaced on different line sections throughout the system. Considerable work was done in replacing defective crossarms and pins. Preservation of poles was actively carried out, a matter of 3,000 poles being charred at the ground line and then treated with solignum. A large number of poles were stubbed and others reset.

Assistance has been rendered throughout the year to various municipalities in connection with technical problems in the field.

The Belleville machine and meter repair shop has been exceptionally busy throughout the year. As in the past, all the watt-hour meters on this system and on the St. Lawrence and Rideau systems are maintained by this department.

Load and Water Conditions

Stream flow conditions have again been uniformly satisfactory throughout the year. A point of unusual interest is the high peak registered by the freshet in the latter part of April. The heavy precipitation in November made a good beginning for the winter. Although precipitation for the month of December was a little below normal, the winter months as a whole were up to normal. The winter broke up very suddenly in the latter part of March with an unusually sudden increase in temperature and considerable rain. This together with the snow cover, which had been well maintained up to this time, resulted in the extremely high freshet flows which are the highest in the Commission's records extending back to 1912. The prevailing dry period in May and the early part of June had its effect on the stream flow in the latter part of June. Rice Lake indicated a level slightly below maximum but falling. To avoid the possibility of the level of Rice Lake being drawn down and the danger of creating a shortage in re-establishing the level, the conditions were brought to the attention of the Department of Railways and Canals and it immediately took steps to correct the situation and no inconvenience resulted.

Severe fraile and anchor ice trouble was experienced early in December. On December 8 the temperature fell suddenly, high winds prevailing at the time. Interference with generating stations was so serious that heavy load reductions were necessary, extending to municipal power loads and street lighting. Further ice trouble was experienced later in the month, but no load reductions were necessary after December 9.

CENTRAL ONTARIO AND TRENT SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Belleville..... | 3,257.4 | 3,071.8 | 3,121.1 | ..... | 49.3 |
| Bloomfield..... | 107.2 | 139.4 | 114.6 | 24.8 | ..... |
| Bowmanville..... | 1,646.6 | 1,538.0 | 1,792.2 | ..... | 254.2 |
| Brighton..... | 214.5 | 210.0 | 242.6 | ..... | 32.6 |
| Cobourg..... | 1,072.4 | 1,204.8 | 1,267.7 | ..... | 62.9 |
| Colborne..... | 135.4 | 141.0 | 152.4 | ..... | 11.4 |
| Deseronto..... | 218.5 | 210.0 | 164.9 | 45.1 | ..... |
| Havelock..... | 218.5 | 222.0 | 250.6 | ..... | 28.6 |
| Kingston..... | 3,485.1 | 3,963.8 | 3,912.5 | 51.3 | ..... |
| Lakefield..... | 159.1 | 151.6 | 182.9 | ..... | 31.3 |
| Lindsay..... | 1,412.8 | 1,474.5 | 1,678.3 | ..... | 203.8 |
| Madoc..... | 123.3 | 149.4 | 135.0 | 14.4 | ..... |
| Marmora..... | 72.9 | 96.5 | 92.7 | 3.8 | ..... |
| Millbrook..... | 54.7 | 62.7 | 64.3 | ..... | 1.6 |
| Napanee..... | 836.0 | 858.0 | 931.7 | ..... | 73.7 |
| Newburg..... | 681.0 | 332.4 | 396.8 | ..... | 64.4 |
| Newcastle..... | 82.8 | 74.9 | 71.1 | 3.8 | ..... |
| Norwood..... | 112.2 | 147.5 | 124.8 | 22.7 | ..... |
| Omeme..... | 186.7 | 56.0 | 50.1 | 5.9 | ..... |
| Orono..... | 55.2 | 53.3 | 47.3 | 6.0 | ..... |

**CENTRAL ONTARIO AND TRENT SYSTEM—LOADS OF MUNICIPALITIES,
1926-1927-1928—Continued**

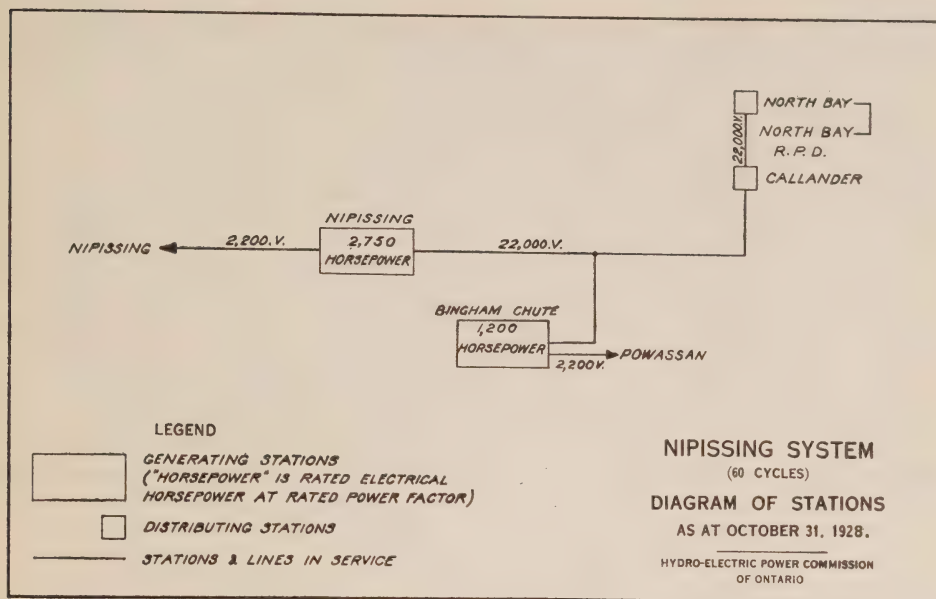
| Municipality | Peak load in horsepower | | | Change in load, 1927-1928 | |
|-----------------|-------------------------|------------|------------|------------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Oshawa..... | 6,016.0 | 6,933.0 | 8,659.5 | ..... | 1,726.5 |
| Peterboro..... | 5,715.7 | 5,467.8 | 6,097.0 | ..... | 629.2 |
| Pictou..... | 557.6 | 640.7 | 737.2 | ..... | 96.5 |
| Port Hope..... | 976.5 | 752.0 | 1,112.6 | ..... | 360.6 |
| Stirling..... | 222.8 | 253.0 | 261.4 | ..... | 8.0 |
| Trenton..... | 1,215.6 | 1,654.8 | 1,906.9 | ..... | 252.1 |
| Tweed..... | 166.2 | 182.0 | 209.1 | ..... | 27.1 |
| Warkworth..... | 38.8 | 53.6 | 54.9 | ..... | 1.3 |
| Wellington..... | 136.7 | 146.1 | 133.8 | 12.3 | ..... |
| Whitby..... | 762.1 | 860.6 | 1,000.8 | ..... | 140.2 |

**CENTRAL ONTARIO AND TRENT SYSTEM—RURAL POWER DISTRICT LOADS
1926-1927-1928**

| Rural power district | Peak load in horsepower | | | Change in load 1927-1928 | |
|----------------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Belleville..... | ..... | 85.0 | 159.4 | ..... | 74.4 |
| Bowmanville..... | 5.0 | 5.0 | 4.0 | 1.0 | ..... |
| Campbellford..... | 47.6 | 50.9 | 56.3 | ..... | 5.4 |
| Cobourg..... | ..... | 11.0 | 24.5 | ..... | 13.5 |
| Colborne..... | 30.8 | 34.8 | 45.1 | ..... | 0.3 |
| Kingston..... | 34.2 | 36.2 | 39.2 | ..... | 3.0 |
| Newcastle..... | ..... | 5.0 | 12.5 | ..... | 7.5 |
| Oshawa..... | 191.0 | 233.0 | 324.5 | ..... | 91.5 |
| Peterboro..... | ..... | 155.5 | 359.4 | ..... | 203.9 |
| Pickering..... | 59.6 | 115.6 | 97.0 | 18.6 | ..... |
| Port Hope..... | ..... | 12.0 | 24.1 | ..... | 12.1 |
| Trenton..... | 1.5 | 10.0 | 10.0 | ..... | ..... |

CENTRAL ONTARIO AND TRENT SYSTEM—NEW RURAL POWER DISTRICTS

| Rural power district | Date connected | Load in horsepower | | Change in load | |
|----------------------|-------------------|--------------------|------------|----------------|----------|
| | | Initial | Oct., 1928 | Decrease | Increase |
| Lakefield..... | July 22, 1928 | 1.0 | 1.0 | ..... | ..... |
| Napanee..... | Nov. 1, 1927 | 2.0 | 2.0 | ..... | ..... |
| Wellington..... | Nov. 1, 1927 | 3.0 | 11.3 | ..... | 8.3 |



NIPISSING SYSTEM

Both peak and average loads have increased approximately eight per cent on this system.

The excessive floods in the spring of 1928 caused the tailwater to rise so high that it came in on the power house floors at Nipissing and Bingham Chute power houses and caused considerable damage to equipment. Bingham Chute power house was out of operation for a period while the tailwater was high and afterwards until the equipment could be dried out. Nipissing power house was kept in operation and the service to the system was only slightly affected.

Due to lightning, failures occurred in the armature windings of both generators at the Bingham Chute plant. The damage was not extensive, and an armature winder from the Niagara system was brought in and repairs made promptly.

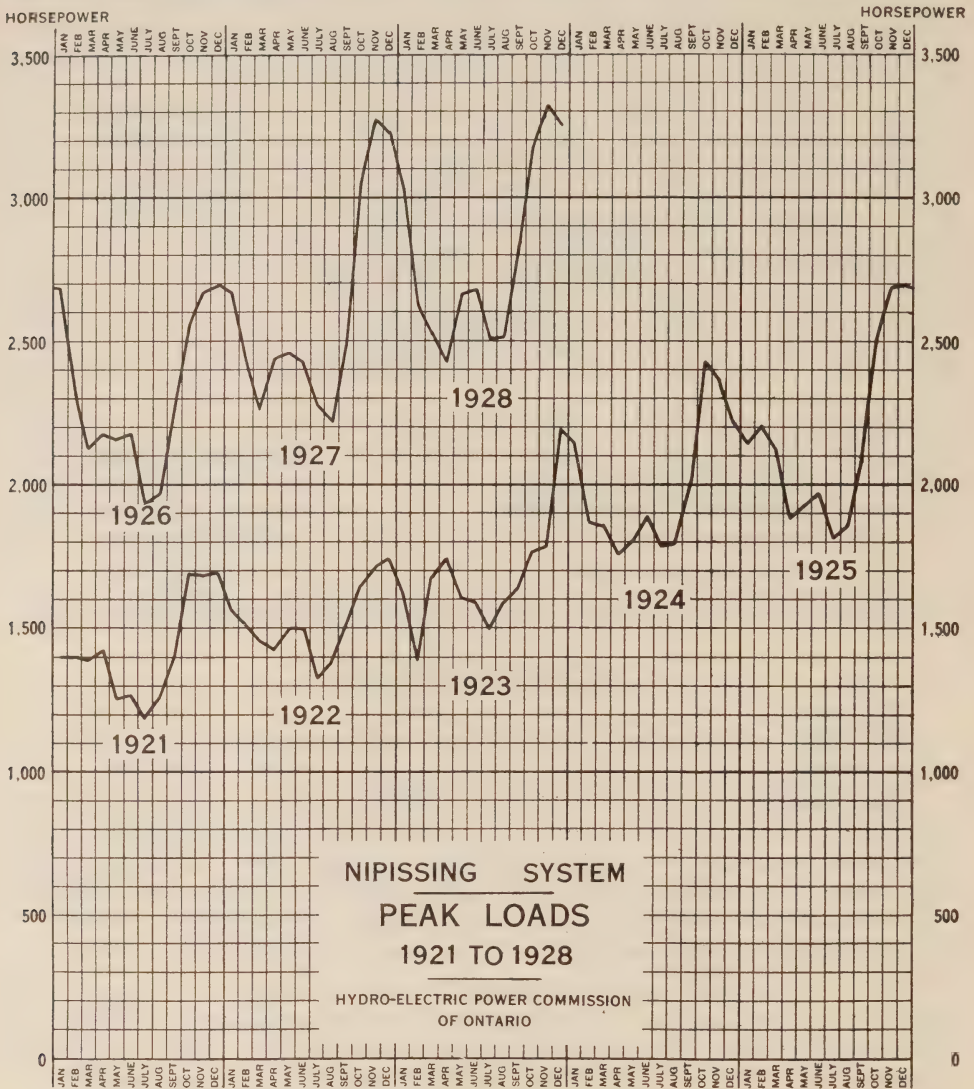
A portion of Craig Lake storage dam was washed out in December, 1927, due to severe storm and ice conditions, and had to be rebuilt during the winter months in preparation for the storage of water during the spring run-off. Maintenance was carried out on some of the other storage dams, and rock and timber were assembled for further repairs to the dams in 1929.

High-tension lightning arresters on this system were given a thorough overhauling and defective units in each arrester replaced.

The grade of the Nipissing power house wood-stave pipe line was adjusted, and provision made for drainage of the pipe line bed.

The deck of the main dam at Nipissing power house was raised to facilitate operation at the time of spring freshets.

Some alterations to the lines were necessary to accommodate road work in the Callander district.



Junction Z52 was relocated, increasing the length of section Z1 X 52 and decreasing the length of section Z6 X 52. New structures and switching equipment were erected at Junction Z52 and Callander in connection with the double circuiting of the line from Junction Z52 to North Bay. The double circuiting of this portion of the line will allow for economic transmission with increasing loads and will facilitate operation and maintenance. The usual line maintenance work was carried out on the high-tension lines between the power house and Junction Z52, such as insulator testing and adjustments to conductors, poles, etc. The balance of the high-tension line sections were carefully adjusted during the stringing of the double circuit between Junction Z52 and North Bay substation.

Arrangements are being carried out to increase the station transformer capacity for North Bay load, and for the installation of a second high-tension substation located nearer the load center of the city.

NIPISSING SYSTEM—LOADS OF MUNICIPALITIES, 1926-1927-1928

| Municipality | Peak load in horsepower | | | Change in load 1927-1928 | |
|----------------|-------------------------|------------|------------|-----------------------------|----------|
| | Oct., 1926 | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| Callander..... | 75.0 | 92.0 | 113.9 | ..... | 21.9 |
| Nipissing..... | 3.0 | 3.0 | 3.0 | ..... | ..... |
| North Bay..... | 2,110.0 | 2,515.0 | 2,721.2 | ..... | 206.2 |
| Powassan..... | 100.0 | 103.0 | 70.8 | 32.2 | ..... |

NIPISSING SYSTEM—RURAL POWER DISTRICT LOADS, 1927-1928

| Rural power district | Peak load in horsepower | | Change in load 1927-1928 | |
|----------------------|----------------------------|------------|-----------------------------|----------|
| | Oct., 1927 | Oct., 1928 | Decrease | Increase |
| North Bay..... | 38.0 | 40.2 | ..... | 2.2 |

SECTION III

MUNICIPAL WORK

The Commission acts in an advisory capacity in connection with the operation of the "Hydro" utilities of the various municipalities with which it has contracts. In this connection the Commission arranges for the purchase, construction or extension of distribution systems and assists the municipal officials in making their financial arrangements to pay for the cost of these systems. All rate adjustments, as provided under The Power Commission Act, are recommended by the Commission, and a study of the operating conditions of all utilities is made annually and adjustments recommended accordingly. The Commission generally supervises the management and operation of all systems, more especially in the smaller municipalities, which, individually, are not of sufficient size to employ a manager with the technical knowledge necessary to administer properly all phases of the local system's operation.

NIAGARA SYSTEM

The power supply for the Niagara system, which has up to the present time practically all been supplied from hydro-electric plants on the Niagara river, was augmented by a power supply from the Gatineau Power Company on October 1, 1928. This power is generated at the Gatineau river in the province of Quebec, approximately twenty miles from the city of Ottawa, and the Commission has arranged by contract with this Company for an amount up to 260,000 horsepower to be taken in blocks over a period of three to four years. The power is received in the middle of the Ottawa river and transmitted to Toronto at 220,000 volts. It is tied in with the Niagara system at a new transforming receiving station at Leaside, on the outskirts of Toronto.

During the year there has been an unprecedented demand for additional power for the large companies at or near Niagara Falls supplied with power directly by the Commission. The Commission has been able to arrange contracts for the additional power required by these companies on an interruptible basis during the times of peak load during the winter period. In addition, the Commission has continued the arrangement for the sale of off-peak power to companies in the United States under a very flexible arrangement, which permits the withdrawal of the power when required by Ontario industries.

With the present arrangement for the sale of interruptible and off-peak power, the maximum possible power supply is obtained from the plants of the Commission with the available water supply, and it is also possible to use the power purchased from the Gatineau Power Company at the maximum permissible load factor under the agreement.

General engineering assistance was given during the year to practically all of the municipalities in the Niagara system, by a general supervision of management and operation, and also in connection with the construction and extension of distribution systems and stations. Certain municipalities received special engineering advice and assistance regarding a number of matters, which are more fully referred to as follows:

Amherstburg—Estimates were completed and work commenced on a new ornamental-lighting system in the business section of the town. The lamps will be 300 watt multiple. For one section ornamental standards supplied by underground cable will be used, while, in the other section, brackets will be mounted on cast-iron poles of the Hydro Radial Railways.

Barton Township—On October 1, the city of Hamilton annexed a part of the township. This action will transfer approximately six hundred domestic and commercial services to the Hamilton Hydro-Electric System.

Blenheim—To take care of the ever-increasing business of the Blenheim system, a new office was opened and the Blenheim system operated under one superintendent with the Blenheim rural power district. This has resulted in a marked improvement in the service.

Bothwell—As the Bothwell rural power district had established a superintendent in Bothwell, the Bothwell Hydro-Electric System arranged for the operation of its distribution system to be taken care of by this superintendent. The billing of the consumers and correspondence work is still being handled by the secretary of the Bothwell Commission.

Bridgeport—For a number of years the police village of Bridgeport was supplied with power from the Kitchener Hydro-Electric System. At the beginning of the year, the necessary by-laws were passed for the purchase and rehabilitation of the existing system in the municipality and for entering into contracts with the Commission for a supply of power. The village began operating as a "Hydro" municipality on March 1, 1928.

Brigden—A new layout was made by engineers of the Commission and the work of overhauling the street-lighting and distribution system was completed. Additional lines and transformers were erected to supply the Tile Company.

Chatham—To take care of the increased load on two of the 4,000-volt feeders, estimates and plans were completed for putting approximately three miles of these two feeders underground as well as to bring all feeders out from the substation in cable.

Comber—To take care of increased loading of secondary lines, due to appliance load, changes in the distribution system were carried out for the Comber Hydro-Electric System.

Dorchester—The operation and maintenance of the local distribution system was taken care of during the year by the Commission at the request of the local trustee board.

Dunnville—Increased industrial activities necessitated an extension to the substation which will cost approximately \$13,000.

Ford City—To distribute power from the new distributing station, which is being constructed in Ford City, re-arrangement of the 4,000-volt feeders was commenced so that early in the new year nearly all the service in Ford City will be supplied from Ford City station. The section of the town adjacent to Walkerville will be still supplied from the Walkerville station.

Glencoe—Plans and estimates were completed for the overhauling of the street-lighting and distribution system. The line work was carried out by the construction staff of the Commission.

Goderich—New pumping equipment was installed in the waterworks plant, the installation consisting of an additional electrically-driven domestic pump and two gasoline-engine-driven fire pumps, the latter replacing the old steam pumps.

Highgate—The distribution system was completely overhauled and extended by the Commission's construction staff.

La Salle—Additional three-phase lines were installed in the town to take care of the additional power load. Estimates and plans were completed for changes in the distribution system to take power from the distributing station which will be erected in La Salle early in the new year.

Leamington—Work was completed on the installation of two 60-h.p. motors, operating the centrifugal pump at the waterworks plant in the town.

London Township—Voted Area—At the request of the Council all outside work in the Voted area—Broughdale, Oxford Park and Kensington district—was taken care of by the Commission. Extensions were made from time to time to take care of the increased uses of electric current.

Otterville—The Commission was requested by resolution of the trustee board to operate the Otterville electrical distribution system for the year 1928. This was carried out on its behalf, the work in the field being taken care of by the Commission's Norwich rural power district staff.

Palmerston—The waterworks department has completed the installation of two deep-well centrifugal pumps driven by 30-horsepower motors, one fire pump driven by a 100-horsepower motor and a gasoline-engine driven pump as auxiliary for fire purposes. The old steam pumps and boilers have been removed and the space utilized for storehouse and garage purposes.

Stamford Township—Increasing use of both lighting and power has necessitated extensions to the substation and distribution system, requiring the issuance of debentures for \$75,000.

Thamesville—Estimates and specifications were completed and work taken in hand, under the supervision of the Commission's engineers, to completely overhaul the street-lighting and distribution system in the village of Thamesville, to provide larger capacity for the increasing load, and to supply better service to the present consumers. This work will be completed early in the new year.

Tilbury—Estimates and plans were completed to provide additional plant capacity on account of increased load of one large power consumer in the town. Plans have also been prepared for the overhauling of the distribution system and providing additional capacity and for the installation of additional ornamental street lamps.

Walkerville—Additional feeder capacity was provided to supply the increased industrial load in the municipality and take power from the Walkerville municipal station, which is being overhauled and enlarged.

Wallaceburg—To take power from the Wallaceburg distributing station, which had been overhauled under the direction of the engineers of the Commission, three new 4,000-volt feeders were installed. These feeders were brought out from the station in underground cable to terminal poles a short distance from the station.

Weston—Owing to the great extent to which cooking and other electrical appliances are used in the homes the distribution system in the town of Weston became inadequate. A report, with recommendations, was made and following these recommendations, the greater portion of the distribution system has been rebuilt.

Wheatley—An ornamental street-lighting system, using 300-watt multiple lamps in ornamental globes in pole-top fixtures, was installed in the main business section of the town.

Woodstock—Assistance was given in connection with the extension of the 13,200-volt line and the installation of a new 450-kv-a., capacity step-down station to serve a rubber company with 550-volt current.

GEORGIAN BAY SYSTEM

The growth of load and the gradual and constant increase in the demand for electrical power from all sources in the municipalities of this system reached such a magnitude that the combined generating capacity of the six sources of supply from which power is derived was reached during the year, and it was found necessary to make provision for additional plant capacity to take care of future requirements. To provide for the immediate increase in the demand for power, arrangements were completed with the municipality of Owen Sound and the Canadian Pacific Railway elevator at Port McNicoll, to place in operation steam reserve generating plants which existed at these two places, from which a temporary supply of from 1,800 to 2,000 h.p. was obtained to supplement the Commission's hydro-electric plant serving the Georgian Bay system. At the same time the installation of an additional hydro-electric development at Trethewey Falls

on the south branch of the Muskoka river was authorized and placed under construction. This new development is situated approximately two miles above the Hanna Chute development and in conjunction with the latter, will be operated as a semi-automatic station from the switchboard of the main generating plant at South Falls. It is expected that this additional plant capacity will be available next year. At the same time provision was also made for additional future requirements for this system by carrying on investigations covering the construction of a number of developments on the Musquash river. The first of these will have a capacity of approximately 12,000 horsepower, and arrangements are being made to place this development under construction next year so as to provide for placing it in operation by 1930. Approximately 41,000 horsepower will be made available from this source for the Georgian Bay system.

Studies and investigations were also made in connection with improvements in transmission lines for delivering the power to be obtained from the new developments on the Muskoka and Musquash rivers to the various parts of the system. These transmission improvements will be completed next year, and the voltage changed from 22,000 to approximately 38,000-volts. Arrangements were also made for constructing a tie transmission line from the Muskoka system to the Wasdells development to provide for an additional supply of power in the Wasdells section of the Georgian Bay system. An additional transmission line from Waubauskene to Midland was also authorized and placed under construction to provide for the increase in power demand at Midland and the adjacent district.

Substation changes were made at Mariposa by replacing a 75-kv-a, 3-phase transformer with a 150-kv-a unit, and at Orangeville by replacing three 1,000-kv-a transformers with three 150-kv-a units. New substations were installed at Bracebridge for the Beaumaris rural power district consisting of three 200-kv-a transformers; at Buckskin for service to the Buckskin rural power district consisting of one 25-kv-a transformer and at Fennel's Corners for the Innisfil rural power district consisting of two 50-kv-a transformers. Studies and investigations were made, and estimates prepared covering transformer changes at Barrie, Meaford and Holyrood, but the actual installation of additional units in the latter will not be undertaken until next year.

The annual meeting of the Eugenia system municipalities (consisting of all municipalities in the Eugenia division) was held this year at Meaford on June 29, and representatives of the Commission addressed the assembled delegates on various matters pertaining to the operation of their respective distribution systems and to the application and utilization of electrical energy therein, especially with respect to operation, finance and accident prevention.

General engineering assistance and advice concerning local operation was given to the following municipalities on the Georgian Bay system:

Alliston, Arthur, Barrie, Beaverton, Beeton, Bradford, Brechin, Cannington, Chatsworth, Chesley, Coldwater, Collingwood, Cookstown, Creemore, Dundalk, Durham, Elmvale, Elmwood, Flesherton, Grand Valley, Gravenhurst, Hanover, Holstein, Huntsville, Kincardine, Kirkfield, Lucknow, Markdale, Meaford, Midland, Mount Forest, Neustadt, Orangeville, Owen Sound, Paisley, Penetanguishene, Port McNicoll, Port Perry, Priceville, Ripley, Shelburne, Stayner, Sunderland, Tara, Teeswater, Thornton, Tottenham, Uxbridge, Victoria Harbor, Waubauskene, Wingham and Woodville.

Engineering advice of a special nature in connection with the matters referred to was given to the following municipalities:

Elmvale—A 90-kw. static condenser was installed in the local substation for the purpose of providing for power-factor correction on the local distribution system. The entire installation was designed, purchased and constructed by the Commission's engineers and staff on behalf of the municipality.

Midland—A 600-kv-a substation was placed in operation by the municipality during the year for serving the Aberdeen Elevator Company. All engineering details, including design, purchase and construction, were handled by the Commission's engineers, as well as the preparation of a contract for supplying power to the customer. This elevator was one of the oldest institutions of its kind on the Georgian bay, and had always been operated by steam equipment. Complete electrification was arranged for and the electric drive placed in operation during the month of April so as to be available for service by the opening of navigation.

Orangeville—Negotiations covering the purchase of the Cataract Electric Company's distribution system in this municipality were carried to a successful conclusion during the year and all of the rights and properties of this company in the town of Orangeville were acquired by the local Commission. This company had been in competition with the Orangeville Hydro-Electric system since 1916, and in consequence of this transaction the municipality now enjoys complete control of its electric light and power business.

Paisley—A 30-kv-a voltage regulator was installed by the Commission for this municipality for the purpose of improving regulation on the local system. This additional equipment was made necessary on account of increased load conditions and the growing demand for electrical energy in this municipality.

Penetang—A complete new switchboard was designed, purchased and installed in the local substation by the Commission's engineers on behalf of the Public Utilities Commission. This new switchboard was required for the purpose of improving service on the distribution system, the old equipment having become obsolete and inadequate to take care of the increased demand for electrical power in this town.

Port Elgin—At the request of the municipality, estimates were prepared by the Commission covering a supply of power for village requirements, the power to be obtained from the Georgian Bay system. A valuation was also made of the private Company's distribution system serving the village, and a combined report on both of these matters submitted to the council. Complete studies were also carried on concerning the best method of serving this municipality and the adjacent district, as well as investigating the validity of the rights of the private Company concerning the use of the village streets.

Southampton—Estimates on the cost of hydro-electric service from the Georgian Bay system were prepared by the Commission and submitted to the municipality at the request of the town council. A valuation of the private Company's property serving the town was also prepared and forwarded, as well as all details concerning the submission of an enabling by-law to the ratepayers covering a supply of power from the Hydro-Electric Power Commission. It is expected that this by-law will be placed before the ratepayers of the town early next year.

Warton—A valuation was made of the private Company's system, from which this municipality was being served. Estimates covering delivery of power to the municipality from the Georgian Bay system were also prepared and a complete investigation carried on with respect to obtaining the most economical method of providing for the electrical power requirements of the town.

ST. LAWRENCE SYSTEM

The municipalities on the system have experienced a general growth in their power demand, for the most part due to increased use of appliances in the home.

Companies on the system, under contract with the Commission for power supply, have increased their power requirements to a considerable degree and are making extensions to plant preparatory to taking additional power, noticeably among these being the Howard Smith Paper Mills, Limited, in Cornwall Township.

In order to provide adequately for the power requirements of the system during the year, the Commission obtained the privilege of taking additional power temporarily until October 31, 1928, from the Cedars Rapids Power and Transmission Company, with which company the Commission has an agreement for a term of years, to supply 7,500 horsepower. Shortly after this date, it is expected that the system's additional power requirements will be obtainable from the Gatineau Power Company over transmission lines between Ottawa and Brockville.

Athens—The village of Athens during the year, has passed "Hydro" by-laws, and a distribution system is being built in the municipality, also an 8,000-volt line from Brockville, which will be fed from a step-down station taking power from the 44,000-volt line, to serve the village of Athens and the rural load in this district.

Finch—The transmission line to supply the village of Finch, was completed during the year. The line was constructed single phase, 4,000 volts, but later changed to three phase, to supply the requirements of a power consumer taking 45 horsepower.

Newington—For many years past, the police village of Newington has been desirous of obtaining service. However, during the year, residents of Newington in conjunction with rural residents, furnished the required applications to receive service as consumers in the Chesterville Rural Power District.

RIDEAU SYSTEM

Without any radical changes in power demands in any of the Rideau towns, there has been a slight increase in load during the year, in each of the towns and villages.

Power was supplied to the Grenville Crushed Rock Company during a part of the summer.

By construction of line and a transformer station adjacent to the town of Smiths Falls, during the year, the Commission has prepared for delivery of additional power supply to the Rideau system from the Gatineau Power Company.

During the month of October, fire destroyed the plant at Merrickville, owned by the Rideau Power Company. The Rideau system, under contract with the company, has been receiving up to 500 horsepower from this plant. The Commission will be short of this supply temporarily, until the plant is rebuilt. In the meantime, the Commission is supplying power to the company for the village of Merrickville.

There is considerable interest shown in rural electrical service in the district south of Smiths Falls. Meetings have been held at Jasper, Portland, Elgin and Delta, and it is anticipated that large rural extension will develop within the next year.

THUNDER BAY SYSTEM

Although there have been no additions made to generating plant capacity, transmission lines, or substations for this system during the year, and although the pulp and paper industry which utilizes the major portion of power produced has passed through a period of depression, nevertheless there has been a considerable growth in the demand for power and the twelve months' period as covered by this report has been the most prosperous in the history of the Thunder Bay system, both with respect to power produced and sold, as well as financially for both the system itself and for the individual municipalities.

In Fort William, the Great Lakes Pulp & Paper Co's plant, which had been closed down for about one year for reconstruction and the installation of paper machines, resumed operation in August, with an increased load, and in Port Arthur a second paper machine was installed and placed in operation by the Thunder Bay Paper Company, greatly increasing the demand for power in that municipality. One of the largest terminal elevators on the great lakes was also placed in operation in Port Arthur during the year. The load sold in Fort William increased during the year by 2,032 horsepower over and above the corresponding period of last year, and in Port Arthur the increase was 4,750 horsepower for the same period. The total system load was 5,473 horsepower greater for 1928 than for 1927.

Engineering assistance with respect to the management of the local distribution systems was given during the year to the local Commissions in the cities of Fort William and Port Arthur, as well as to the village of Nipigon, being the three municipalities which comprise the Thunder Bay system at the present time.

OTTAWA SYSTEM

Ottawa—Additional power has been made available, during the year, by a contract with the Gatineau Power Company, and a site has been purchased to construct a transformer station for the delivery of power from the company. Arrangements have been made to take the additional power required by the city of Ottawa, from the Gatineau Power Company during the period of construction of the station, by a temporary connection enabling the delivery of it through the Ottawa and Hull Power Company generating plant.

Richmond—The Commission has completed the building of a distribution system in Richmond, and the extension of an 8,000-volt line to serve the village. The municipality commenced taking power on July 25, 1928.

CENTRAL ONTARIO AND TRENT SYSTEM

During the year 1928, the growth of load on the Central Ontario system has been very satisfactory. In nearly every municipality the load has increased, but particularly so in the municipality of Oshawa. The increase in load in Oshawa has been very rapid during the last two years, with the result that the existing transmission lines were unable to carry the load and the construction of a duplicate line from Trenton to Oshawa was completed this year. Substantial increases in the transformer station capacity in Oshawa have also been made during the year. In nearly all the municipalities, substantial additions have been made in the distribution systems, particularly to cope with the growing demand of the domestic consumer. A switching station is under construction at Kingston to provide for the receipt of power at 44,000 volts from the Gatineau Power Company. This power will be stepped down at Smiths Falls from 110,000 volts and transmitted to Kingston at 44,000 volts.

Belleville—A new distributing station has been constructed at the Belleville switching towers to relieve the existing station. The Canadian Industrial Alcohol Co. is served at 6,600 volts from this station, and part of the Belleville load at 2,200 volts is also supplied from this station. Extensive improvements to the distribution system have been made in the past year.

Cobourg—A new chlorinator using liquid chlorine has been installed at the waterworks' pumping station.

Kingston—The Commission has concluded a contract with the municipality of Kingston, for a supply of power in excess of the 4,000 horsepower provided for in contract under which the city has received power from the Commission, up to date.

Marmora—The Marmora distributing system was changed from single-phase to three-phase to provide for increased demand for power. The substation capacity was increased from 50 kv-a. to 100 kv-a.

Napanee—The municipality is considering improvements to the street lighting system in the business district.

Orono—Owing to an increase in demand for power, the distribution system at Orono is being changed from single-phase to three-phase; a 300-kv-a. three-phase transformer has been installed at Newcastle substation to provide for the increased load.

Oshawa—The growth of load at Oshawa has been very rapid. Owing to enlargement of the General Motors' plants and allied industries, the load has increased approximately 60 per cent and the number of consumers 20 per cent in the past twelve months. The distributing station and the distributing system have both been enlarged to meet the growth.

Peterborough—The growth of load in this municipality has been particularly noticeable, this growth being largely due to increased load taken by industrial concerns in the city. The municipality has continued to extend and modernize the distribution system. The street lighting in Peterborough which was particularly inadequate, has been greatly improved and extended. A synchronous motor previously used by the municipality for power factor correction was

jointly owned by the Commission and the municipality. The Commission has now purchased the municipality's share in this machine, as owing to the great improvement in Peterborough's power factor, it is not necessary to correct it any longer by this means. This synchronous motor has now been shut down and will be removed from the Peterborough transformer station. This will result in the elimination of noise in this station and will also leave more space for future extensions.

Trenton—Extensive improvements in the distributing station at Trenton are under consideration.

Whitby—The improvements indicated in last year's report have been completed, as follows: Arrangements were made with the municipality of Whitby by which a new 44,000-volt line was built between Oshawa and Whitby and the municipality of Whitby has erected a new 44,000-volt station of 750 kw. capacity. The municipality of Whitby has also undertaken the re-arrangement of its distribution system in connection with this new transformer station.

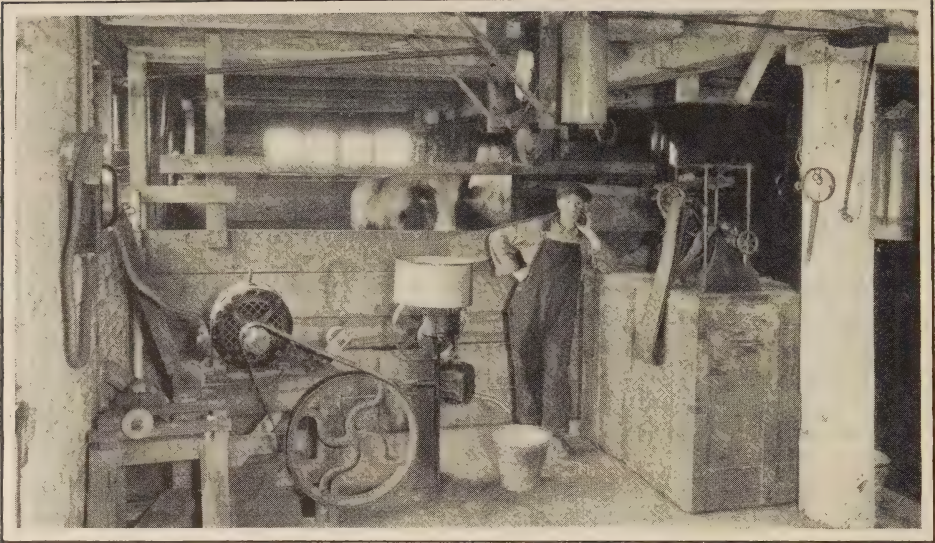
NIPISSING SYSTEM

This system, which serves the city of North Bay, and the villages of Callander and Powassan, was placed under the administration of the Commission at the same time as the Central Ontario system, and has been operated in conjunction with the latter from the date on which all of these properties were originally purchased by the province.

Negotiations covering the purchase of the local distribution system in North Bay were carried on during the year with the city council, but no decision in connection therewith was consummated. The increased demand for electrical power in North Bay has necessitated provision being made for additional generating plant, transmission line capacity, and substation equipment. The construction of a new development was accordingly undertaken by the Commission at Elliott Chute on the South river, a short distance above Bingham Chute, with a capacity of 1,800 horsepower. It is expected that this new development will be completed and placed in operation next year. A new transmission circuit was also constructed on existing poles from Powassan to North Bay, a distance of 15.2 miles, thus giving a double-circuit line, from the junction point of the transmission line from the Nipissing development and that of the Bingham Chute development to North Bay. A new substation was also constructed in North Bay, increasing the existing substation capacity by 750-kv-a and necessary changes were made in the distribution system. Changes and improvements were also made in the Callander distribution system, especially on the main street of the village, along which passes the main transmission line of the Nipissing system.

NEW ONTARIO DISTRICT

Engineering advice and information concerning electric service was given to many places in the northern part of the province, commonly known as "New Ontario," and especially to the city of Sault Ste. Marie and the village of Chelmsford. For the latter place a complete distribution system was designed and rate schedules were prepared for supplying consumers in connection therewith. Negotiations were also conducted concerning a supply of power for this village.



RURAL ELECTRICAL SERVICE

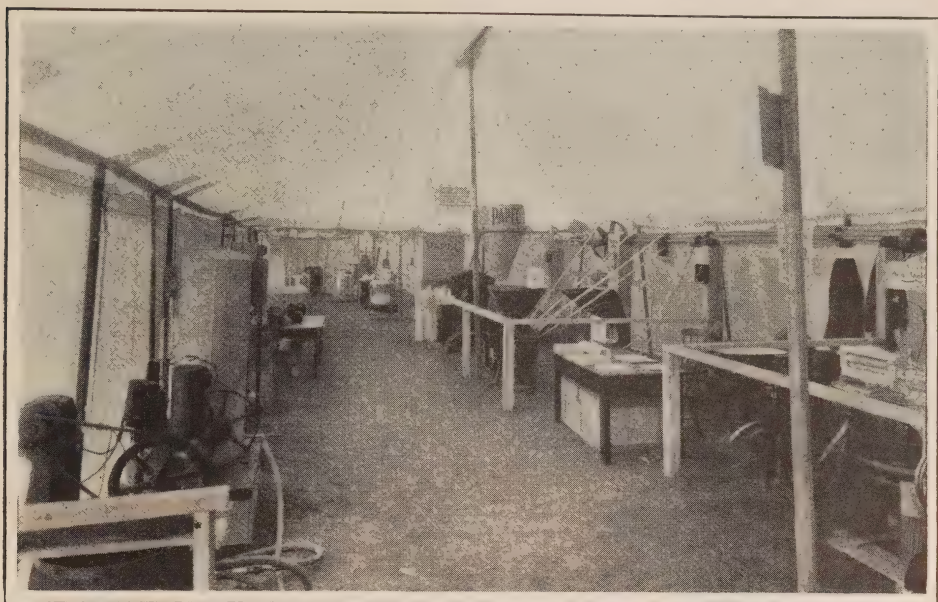
A three-horsepower motor driving a milker, cream separator and chopper on an Ontario farm

RURAL ELECTRICAL SERVICE

The past eight years have witnessed an unprecedented expansion of rural line extensions, with an attendant increase in the use of electricity by the farming communities of Ontario. Whether this growth will continue at the same rate is, of course, problematical. The Commission has, however, obtained data which indicates at least equal progress in the next four years. An outstanding reason for congratulation to the Commission is the extent to which it has gained the confidence of the rural communities through efficiency in the construction of lines, through progressive reductions in rates and by a continuity of service which has contributed very materially to progress by inspiring confidence in the use of electrical power-driven machinery.

During the past year, the amount of constructional work carried out in the rural power districts exceeded by a substantial margin that of any previous year. Nearly 930 miles of primary transmission lines were constructed and electrical service was given to approximately 6,000 additional consumers. The capital expenditure approved for rural construction work during the past year was \$2,268,178, and the aggregate peak load in October, 1928, reached 16,980 horsepower. Details of these matters and of the present status of rural distribution are presented in the accompanying tables. For the coming year, arrangements have been made to construct about 850 miles of additional rural lines. It is anticipated, moreover, that this rate of construction will be maintained for some years.

The policy and practice of the Commission has been, and is, to make a distribution of electrical energy as widespread as possible, and to extend to every community that can economically be reached by transmission lines the benefit of electrical service. In harmony with this policy, the supplying of electrical



RURAL ELECTRICAL SERVICE

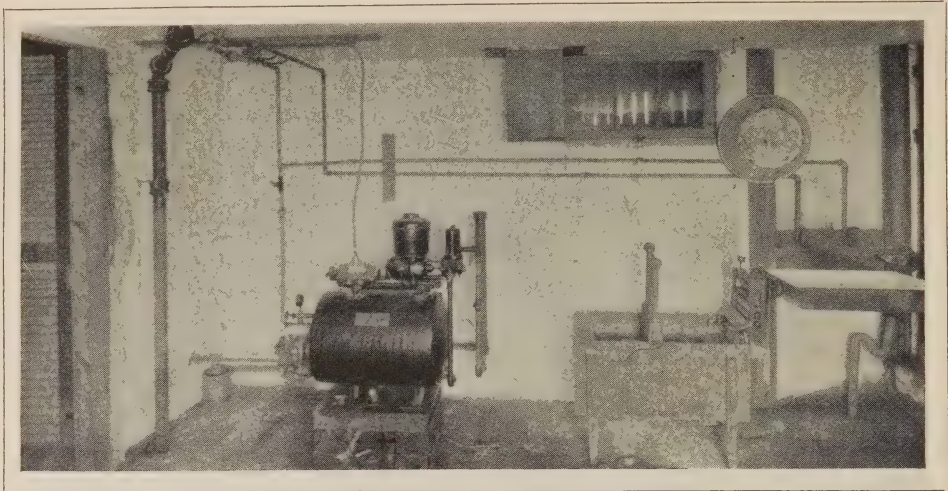
Demonstration of uses of electricity in the farm home and on the farm as given at Provincial plowing match

service to rural districts has been undertaken according to a comprehensive and carefully thought-out programme. For the purpose of electrical service in rural Ontario, rural power districts are formed in the more closely-settled portions of the province traversed by transmission lines. A typical rural power district covers about 100 square miles. Its boundaries are not arbitrary geographical limits—such as define, for example, the areas of townships—but depend rather upon the economic distances which may be served from a distribution centre of city, town or village. It should be appreciated that without such transmission networks as have been constructed to serve the cities and towns of the province, any extensive rural electrification would be economically impracticable.

The experience gained by the Commission and the improvements in technique, enable electrical service to be given to rural districts when there can be secured three signed farm contracts, or their equivalent, per mile of line to be constructed.

The assistance given by the province to farmers and rural residents in the form of a grant towards the capital cost of supplying electrical service is being made to the maximum amount provided for by the Power Commission Act, namely, fifty per cent of the cost of lines and secondary equipment.

This assistance is in pursuance of a long-established governmental policy of promoting the basic industry of agriculture in various ways. This policy had previously found expression in the establishment of agricultural schools, colleges and experimental farms, in assistance for road building and in other ways. The grants-in-aid thus given make it possible to extend hydro-electrical power service to those engaged in and connected with agricultural pursuits in less densely populated districts where otherwise such service would not be financially feasible.



RURAL ELECTRICAL SERVICE
Water installation in the basement of an Ontario farm home

The extent and effect of the province's financial assistance with respect to the distribution of power in rural districts should be clearly understood. The government grant-in-aid relates to the initial capital investment. Having made its grant-in-aid, the government's participation in operations respecting the property to which the grant applies ceases. Each rural power district not only pays its cost of operation, maintenance and administration of these lines, but also sets up reserves for renewals, obsolescence and contingencies on the whole of the equipment and lines, as well as for sinking fund on the investment made by the Commission on behalf of the local authorities. The provincial grant-in-aid is of special assistance when the initial financial investment for any rural power district is made.

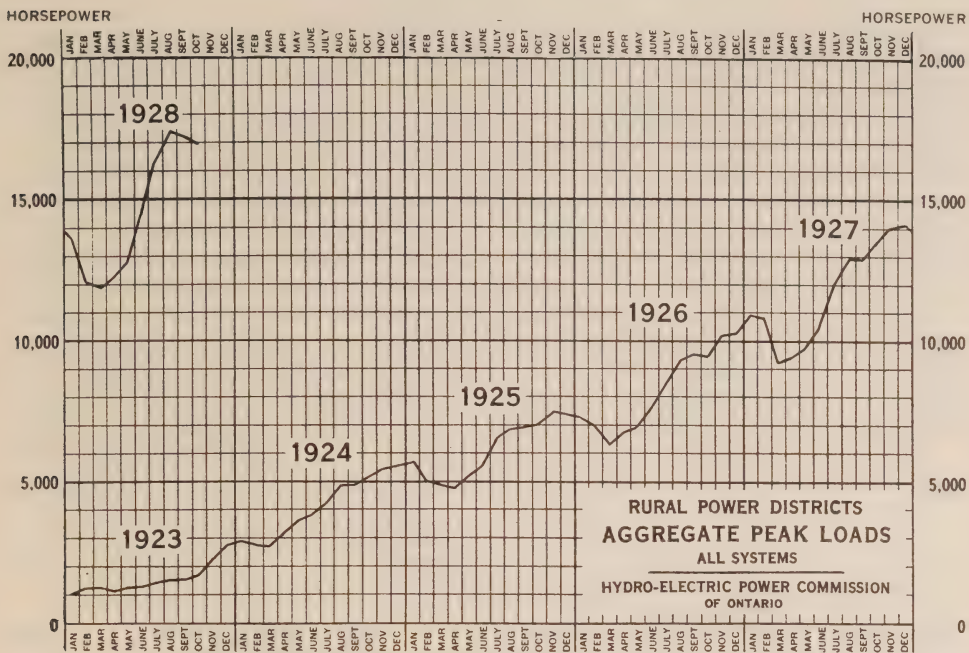
The aggregate load distributed to the rural dwellers, is and possibly must always be, but a relatively small proportion of the total energy distributed by the Commission, and the provincial grant towards the cost of rural service is of no

SUMMARY OF RURAL LINE EXTENSIONS

As Approved by the Commission from June 1, 1921, to October 31, 1928

| System | Miles of primary line | Number of consumers | | | Capital approved for extension | |
|---------------------------|-----------------------|---------------------|--------|--------|--------------------------------|--------------------|
| | | Hamlet | Farm | Total | Total | Provincial grant |
| Niagara..... | 3,536.07 | 14,489 | 11,547 | 26,036 | \$ 7,767,341.84 c. | \$ 3,883,670.92 c. |
| Georgian Bay..... | 183.19 | 1,122 | 420 | 1,542 | 375,092.82 | 176,365.70 |
| St. Lawrence..... | 82.05 | 400 | 140 | 540 | 171,300.45 | 85,650.22 |
| Ottawa..... | 90.77 | 271 | 248 | 519 | 170,641.53 | 85,320.76 |
| Central Ontario and Trent | 206.96 | 1,648 | 636 | 2,284 | 454,405.50 | 227,202.75 |
| Nipissing..... | 4.50 | 139 | 3 | 142 | 12,997.00 | 6,498.50 |
| Total..... | 4,103.54 | 18,069 | 12,994 | 31,063 | 8,951,779.14 | 4,464,708.85 |

NOTE: The Commission is now operating 131 rural power districts which comprise 233 townships in different parts of the Province.

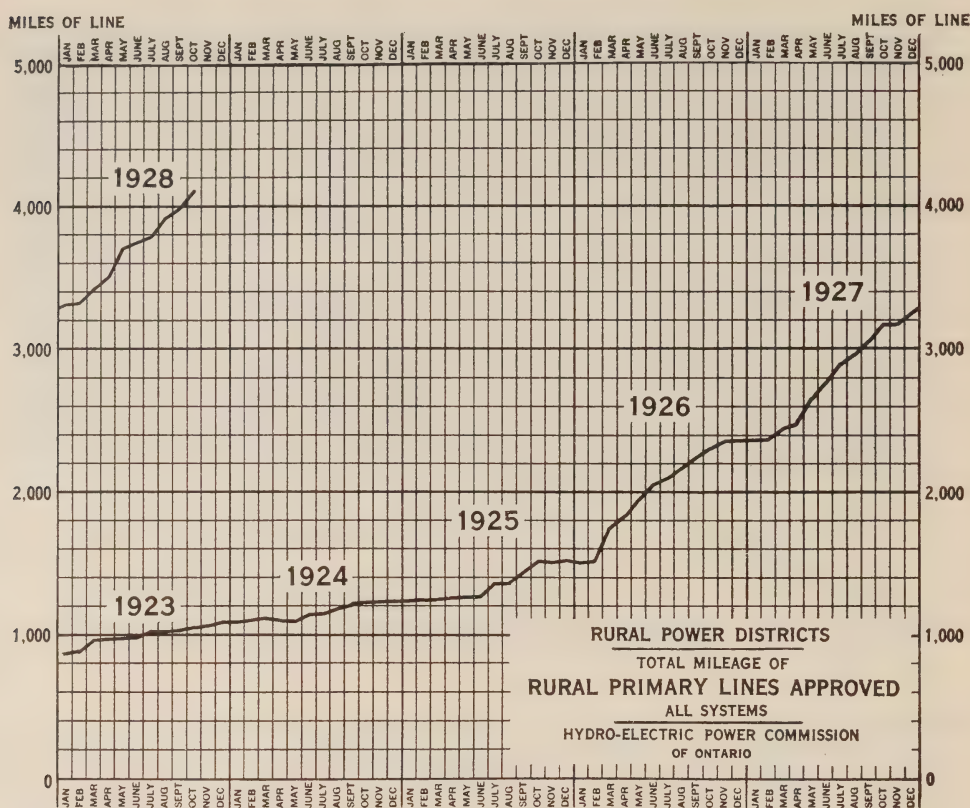


advantage to the power system as a whole, because the demand for power at present, apart altogether from the small amount distributed to the rural districts, is such as readily to absorb all the available supply. On the other hand, the beneficial influence of rural electrical service on agriculture is reflected in the prosperity and welfare of the province as a whole, and is already a factor of importance and worth.

The Year's Activities

During the past year the engineers of the Commission attended a number of public meetings throughout the province held for the specific purpose of explaining to prospective consumers the rates at which electrical power could be supplied, the uses which can be made of power on the farm and the procedure necessary to obtain service. In all, thirty-nine meetings were held. Where possible, moving pictures were shown, illustrating the uses of electricity on the farm. The provincial statutes relating to rural distribution were explained, pamphlets were distributed, and assistance was given to local committees appointed to canvass their respective districts.

The Commission also co-operated with the provincial Department of Agriculture by giving similar talks to students taking short-course lectures at the Agricultural College at Guelph, and at other centres. Representatives of the Commission also attended provincial ploughing matches and arranged to give information to a large number of interested farmers. The manufacturers of electric motors and other equipment used in connection with power on the farm, co-operated with the Commission in giving demonstrations at various places, showing actually how power can advantageously be employed by the farmer.



During the past year, not only has the power taken by the rural power districts increased because of the increased mileage of transmission lines and the demand of the consumer connected to these new lines, but the demand for power has also increased due to the greater use of electricity on the farms already served and due also to the connection of new consumers to existing lines. Furthermore, many townships have installed—in districts where the conditions warranted—street lighting systems on the public highways. To supply these increased loads new substations have been constructed and the capacities and number of lines have been increased.

One of the most important factors in connection with rural power supply is the stability of the rates charged. Experience has led the Commission to adopt the safe policy of constructing rural lines only when sufficient contracts have been signed to guarantee payment of the fixed charges on the cost of the lines to be constructed; the minimum signed contracts required being three rural light or medium farm contracts, or their equivalent, per mile of line constructed.

The rates first submitted to the proposed consumers are, therefore, the maximum, and the rates in any rural power district may be and in practice have been reduced from time to time as the number of consumers per mile of line constructed in the district increases above the required minimum. Sixty per cent of all operating rural power districts have had their rates reduced as shown in the accompanying table, and it will be noted that service charges have been reduced to as low as fifty per cent of the maximum.

The service given by the Commission is "at cost" and the rate schedules are designed upon this basis. In practice, however, it is, obviously, sound practice to provide for a small surplus of revenue over estimated costs. Should greater use be made of the service than was anticipated, a greater revenue will result without proportionate increase in expenses; and therefore a greater surplus will also result. This has been the experience of the Commission in connection with the operation of rural power districts.

At the end of this section is given a tabulation of the rural power districts established in connection with the several systems of the Commission, which show the miles of line, the number of consumers and the rate schedules for each district.

The following tabulation shows in detail, the extensions approved during the year, the number of consumers, the amounts of power supplied, the capital expenditures and the amounts of provincial grant-in-aid of rural lines approved by the government.

RURAL LINE EXTENSIONS DURING THE YEAR 1928

| System | Miles of primary line | Number of consumers | | | Power supplied in October, 1928 | Capital approved for extension | |
|--------------------------------|-----------------------|---------------------|-------|-------|---------------------------------|--------------------------------|------------------|
| | | Hamlet | Farm | Total | | Total | Provincial grant |
| | | | | | h.p. | \$ c. | \$ c. |
| Niagara..... | 773.37 | 1,750 | 2,868 | 4,618 | 14,811 | 1,859,780.40 | 929,890.21 |
| Georgian Bay..... | 61.19 | 398 | 169 | 567 | 473 | 139,729.00 | 68,198.00 |
| St. Lawrence..... | 17.64 | 118 | 28 | 146 | 208 | 48,746.00 | 24,373.00 |
| Ottawa..... | 20.51 | 41 | 65 | 106 | 257 | 41,086.00 | 20,543.00 |
| Central Ontario and Trent..... | 81.76 | 238 | 211 | 449 | 1,191 | 172,579.00 | 86,289.50 |
| Nipissing..... | 2.00 | 30 | 2 | 32 | 40 | 6,258.00 | 3,129.00 |
| Total..... | 956.47 | 2,575 | 3,343 | 5,918 | 16,980 | 2,268,178.40 | 1,132,422.71 |

| | | | | | | | | | | | | | | | | | |
|------------------|-----|----|-------|------|------|------|------|------|------|------|------|------|-------|-------|-----|-----|----|
| Elmira..... | N7 | D3 | 31 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 4 | 2 | 10 |
| Ela..... | N5 | D4 | 126 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 4 | 2 | 10 |
| Essex..... | N15 | D7 | 261 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.25 | 8.20 | 9.90 | 5 | 2 | 10 |
| Exeter..... | N4 | D6 | 416 | 1.45 | 2.65 | 1.80 | 2.75 | 3.65 | 3.80 | 4.60 | 5.90 | 6.65 | 8.70 | 10.55 | 5 | 2 | 10 |
| Forest..... | N18 | D6 | 16 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Galt..... | N6 | D2 | 203 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.65 | 7.50 | 9.85 | 11.90 | 4 | 2 | 10 |
| Georgetown..... | N5 | D2 | 135 | 1.60 | 3.00 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.50 | 9.80 | 11.90 | 4.5 | 2 | 10 |
| Goderich..... | N8 | D2 | 46 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Grantham..... | N1 | D2 | 414 | 1.00 | 1.50 | 1.25 | 1.90 | 2.50 | 2.60 | 3.20 | 4.05 | 4.55 | 6.00 | 7.25 | 3 | 1.5 | 10 |
| Guelph..... | N5 | D3 | 180 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.65 | 7.50 | 9.85 | 11.90 | 4.5 | 2 | 10 |
| Haldimand..... | N2 | D8 | 67 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 4.5 | 2 | 10 |
| Harrow..... | N15 | D4 | 331 | 1.45 | 2.65 | 1.80 | 2.80 | 3.65 | 3.80 | 4.60 | 5.90 | 6.65 | 8.75 | 10.60 | 5 | 2 | 10 |
| Ingersoll..... | N10 | D3 | 303 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5.5 | 2 | 10 |
| Jordan..... | N1 | D3 | 216 | 1.05 | 1.90 | 1.30 | 2.00 | 2.65 | 2.75 | 3.35 | 4.25 | 4.80 | 6.30 | 7.65 | 3 | 1.5 | 10 |
| Keswick..... | N3 | D5 | 613 | 1.20 | 2.15 | 1.50 | 2.25 | 3.00 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 4.5 | 2 | 10 |
| Kingsville..... | N15 | D5 | 961 | 1.00 | 1.80 | 1.25 | 1.90 | 2.55 | 2.65 | 3.20 | 4.05 | 4.60 | 6.00 | 7.30 | 3.5 | 2 | 10 |
| Listowel..... | N8 | D8 | 149 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| London..... | N4 | D2 | 1,502 | .90 | 1.65 | 1.15 | 1.75 | 2.30 | 2.40 | 2.90 | 3.70 | 4.15 | 5.45 | 6.60 | 3 | 1.5 | 10 |
| Lucan..... | N4 | D5 | 103 | 1.60 | 3.00 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.50 | 9.80 | 11.90 | 6 | 2 | 10 |
| Lynden..... | N2 | D2 | 173 | 1.45 | 2.65 | 1.80 | 2.80 | 3.65 | 3.80 | 4.60 | 5.90 | 6.65 | 8.75 | 10.60 | 4.5 | 2 | 10 |
| Markham..... | N3 | D1 | 400 | 1.35 | 2.50 | 1.70 | 2.60 | 3.45 | 3.60 | 4.35 | 5.55 | 6.25 | 8.20 | 9.90 | 4.5 | 2 | 10 |
| Milton..... | N13 | D3 | 193 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 5 | 2 | 10 |
| Milverton..... | N8 | D9 | 68 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Mitchell..... | N8 | D7 | 176 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Newmarket..... | N3 | D4 | 147 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 5 | 2 | 10 |
| Niagara..... | N1 | D1 | 216 | 1.20 | 2.15 | 1.50 | 2.25 | 3.00 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 3 | 1.5 | 10 |
| Norwich..... | N10 | D1 | 347 | 1.35 | 2.50 | 1.70 | 2.60 | 3.45 | 3.60 | 4.35 | 5.55 | 6.25 | 8.20 | 9.90 | 4 | 2 | 10 |
| Oil Springs..... | N18 | D3 | 86 | 1.60 | 3.00 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.50 | 9.80 | 11.90 | 6 | 2 | 10 |
| Palmerston..... | N8 | D6 | 23 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Petrolia..... | N18 | D5 | 18 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Preston..... | N6 | D1 | 644 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 3 | 1.5 | 10 |
| Ridgetown..... | N14 | D2 | 533 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.25 | 8.20 | 9.90 | 4 | 2 | 10 |
| St. Jacobs..... | N7 | D2 | 213 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 3 | 1.5 | 10 |
| St. Marys..... | N9 | D1 | 207 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| St. Thomas..... | N11 | D1 | 797 | 1.35 | 2.50 | 1.70 | 2.60 | 3.45 | 3.60 | 4.35 | 5.55 | 6.25 | 8.20 | 9.90 | 3 | 1.5 | 10 |

RURAL POWER DISTRICTS—MILES OF LINES, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1928 NIAGARA SYSTEM—Continued

| Rural power district | Miles of line | No. of consumers | Rural rates | | | | | | | | | | | | Gross consumption charge | | Prompt payment discount |
|----------------------|---------------|------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|--------------------------|-----|-------------------------|
| | | | Class and gross monthly service charge | | | | | | | | | | | | | | |
| | | | 1st 14 hrs. use of class demand min. 30 kw.-hrs. |  |  |  |  |  |  |  |  |  |  |  |  |  |  | All additional |
| | | | 1B | 1C | 2A | 2B | 3 | 4 | 5 | 6A | 6B | 7A | 7B | cents | cents | | |
| Saltfleet..... | 79.61 | 841 | \$ 1.35 | \$ 2.50 | \$ 1.70 | \$ 2.60 | \$ 3.40 | \$ 3.55 | \$ 4.30 | \$ 5.40 | \$ 6.20 | \$ 8.10 | \$ 9.90 | 1.5 | 3 | 1.5 | |
| Sandwich..... | 97.44 | 1,698 | 1.00 | 1.85 | 1.25 | 1.90 | 2.55 | 2.65 | 3.20 | 4.05 | 4.60 | 6.00 | 7.30 | 2 | 3.5 | 2 | |
| Sarnia..... | 75.47 | 872 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.20 | 8.20 | 9.90 | 2 | 4 | 2 | |
| Scarboro..... | 38.65 | 269 | 1.60 | 3.00 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.50 | 9.80 | 11.90 | 2 | 5 | 2 | |
| Seaforth..... | 9.00 | 108 | 1.10 | 2.00 | 1.35 | 2.10 | 2.75 | 2.85 | 3.45 | 4.40 | 5.00 | 6.55 | 8.00 | 2 | 4 | 2 | |
| Simcoe..... | 25.47 | 159 | 1.50 | 2.80 | 1.90 | 2.95 | 3.85 | 4.05 | 4.90 | 6.25 | 7.05 | 9.30 | 11.20 | 2 | 4 | 2 | |
| Stamford..... | 7.21 | 218 | 1.30 | 2.35 | 1.60 | 2.45 | 3.20 | 3.35 | 4.05 | 5.15 | 5.85 | 7.65 | 9.25 | 1.5 | 3 | 1.5 | |
| Stratford..... | 26.25 | 198 | 1.15 | 2.15 | 1.45 | 2.35 | 3.00 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 2 | 4 | 2 | |
| Strathroy..... | 10.17 | 61 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.60 | 7.50 | 9.85 | 11.90 | 2 | 6 | 2 | |
| Streetsville..... | 61.03 | 260 | 1.55 | 2.85 | 1.95 | 2.95 | 3.90 | 4.05 | 4.90 | 6.25 | 7.10 | 9.30 | 11.25 | 2 | 4 | 2 | |
| Tavistock..... | 33.69 | 176 | 1.45 | 2.65 | 1.80 | 2.75 | 3.65 | 3.80 | 4.60 | 5.90 | 6.65 | 8.60 | 10.55 | 2 | 5 | 2 | |
| Thamesville..... | 21.40 | 129 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 2 | 6 | 2 | |
| Tilbury..... | 40.69 | 199 | 1.70 | 3.15 | 2.15 | 3.30 | 4.35 | 4.50 | 5.55 | 7.00 | 7.90 | 10.40 | 12.55 | 2 | 5 | 2 | |
| Tillsonburg..... | 83.68 | 447 | 1.50 | 2.80 | 1.90 | 2.95 | 3.85 | 4.05 | 4.90 | 6.25 | 7.05 | 9.30 | 11.20 | 2 | 4 | 2 | |
| Wallaceburg..... | 50.96 | 361 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.25 | 8.20 | 9.90 | 2 | 4 | 2 | |
| Walsingham..... | 9.05 | 72 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 2 | 6 | 2 | |
| Walton..... | 21.56 | 150 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 2 | 6 | 2 | |
| Waterdown..... | 24.72 | 241 | 1.20 | 2.15 | 1.50 | 2.22 | 3.00 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 1.5 | 3.5 | 1.5 | |
| Waterford..... | 20.30 | 61 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 2 | 5 | 2 | |
| Welland..... | 123.26 | 1,644 | 1.00 | 1.80 | 1.25 | 1.90 | 2.50 | 2.60 | 3.20 | 4.05 | 4.55 | 6.00 | 7.05 | 2 | 3.5 | 2 | |
| Woodbridge..... | 118.65 | 679 | 1.45 | 2.65 | 1.80 | 2.80 | 3.65 | 3.80 | 4.60 | 5.90 | 6.65 | 8.75 | 10.60 | 2 | 3.5 | 2 | |
| Woodstock..... | 101.80 | 517 | 1.30 | 2.35 | 1.60 | 2.45 | 3.20 | 3.35 | 4.05 | 5.15 | 5.85 | 7.65 | 9.25 | 2 | 3 | 2 | |

Total, Niagara System..... 3,343.36 26,036

GEORGIAN BAY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-------------------|--------|-------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|----|
| Barrie..... | S4 D1 | 9.92 | 93 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Beeton..... | S33 D1 | .33 | 1 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Beumaris..... | N7 D1 | 15.00 | 106 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Buckskin..... | S24 D1 | .94 | 13 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Cannington No. 1. | W3 D1 | 3.25 | 21 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Cannington No. 2. | W3 D2 | 4.11 | 20 | 1.45 | 2.65 | 1.85 | 2.75 | 3.65 | 3.80 | 4.60 | 5.90 | 6.45 | 8.75 | 10.60 | 6 | 2 | 10 |
| Chatsworth..... | E3 D1 | .00 | 18 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Elmvale..... | S7 D1 | .00 | 22 | 1.50 | 2.80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.5 | 2 | 10 |
| Flesherton..... | E1 D1 | 1.56 | 20 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6.5 | 2 | 10 |
| Georgina..... | W2 D2 | 9.50 | 81 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Innisfil..... | S31 D1 | 13.25 | 137 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Lucknow..... | E24 D1 | .00 | 1 | 1.60 | 2.95 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.45 | 9.80 | 11.90 | 8 | 2 | 10 |
| Mariposa..... | W9 D1 | 28.41 | 170 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.25 | 8.20 | 9.90 | 6 | 2 | 10 |
| Markdale..... | E1 D2 | 1.22 | 2 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Meaford..... | E14 D1 | .66 | 2 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 7 | 2 | 10 |
| Neustadt..... | E8 D1 | .33 | 1 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.65 | 7.50 | 9.85 | 11.90 | 5 | 2 | 10 |
| Nottawasaga..... | S5 D1 | 7.75 | 81 | 1.25 | 2.30 | 1.60 | 2.40 | 3.20 | 3.30 | 4.00 | 5.15 | 5.80 | 7.65 | 9.25 | 5 | 2 | 10 |
| Orangeville..... | E12 D1 | 8.20 | 19 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Port Perry..... | W7 D2 | 2.30 | 43 | 1.20 | 2.20 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Ripley..... | E24 D2 | .00 | 2 | 1.60 | 2.95 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.45 | 9.80 | 11.90 | 8 | 2 | 10 |
| Shelburne..... | E10 D1 | 2.30 | 10 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Sparrow Lake..... | W1 D1 | 14.53 | 115 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Stayner..... | S10 D1 | 11.97 | 349 | 1.25 | 3.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 2 | 10 |
| Tara..... | E15 D1 | 19.95 | 90 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Uxbridge..... | W7 D1 | 10.00 | 51 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Walkerton Quarry. | E26 D1 | 1.60 | 5 | 1.60 | 2.95 | 2.00 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.45 | 9.80 | 11.90 | 6 | 2 | 10 |
| Wroxeter..... | E23 D1 | 14.00 | 69 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |

Total, Georgian Bay System... 181.08 1,542

RURAL POWER DISTRICTS—MILES OF LINES, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1928

NIAGARA SYSTEM—Continued

| Rural power district | Miles of line | No. of consumers | Rural rates | | | | | | | | | | Prompt payment discount | | |
|----------------------|---------------|------------------|--|----|----|----|---|---|---|----|-------------------|----|-------------------------|----|---|
| | | | Class and gross monthly service charge | | | | | | | | Gross consumption | | | | |
| | | | 1B | 1C | 2A | 2B | 3 | 4 | 5 | 6A | 6B | 7A | | 7B | 1st 14 hrs. use of class demand min. 30 kw-hrs. | All additional |
| | | | | | | | | | | | | | | | |

ST. LAWRENCE SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------------------|-----|----|-------|-----|------|------|------|------|------|------|------|------|-------|-------|-------|---|---|----|
| Apple Hill..... | L14 | D1 | 10.60 | 93 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Brockville..... | L3 | D1 | 6.89 | 46 | 1.60 | 2.95 | 2.05 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.45 | 9.80 | 11.90 | 6 | 2 | 10 |
| Chesterville..... | L5 | D1 | 32.02 | 215 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 7 | 2 | 10 |
| Martintown..... | L13 | D1 | 10.03 | 92 | 1.83 | 3.18 | 2.35 | 3.92 | 5.16 | 5.56 | 7.04 | 8.70 | 10.72 | 12.93 | 15.75 | 8 | 2 | 10 |
| Maxville..... | L14 | D2 | .00 | 1 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 8 | 2 | 10 |
| Prescott..... | L2 | D1 | 16.54 | 81 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 7 | 2 | 10 |
| Williamsburg..... | L7 | D1 | 4.84 | 12 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 7 | 2 | 10 |

Total St. Lawrence System... 80.92 540

OTTAWA SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------------|----|----|-------|-----|------|------|------|------|------|------|------|------|------|------|-------|---|-----|----|
| Nepean..... | T1 | D1 | 89.89 | 519 | 1.60 | 2.95 | 2.05 | 3.10 | 4.10 | 4.30 | 5.20 | 6.60 | 7.45 | 9.80 | 11.90 | 3 | 1.5 | 10 |
|-------------|----|----|-------|-----|------|------|------|------|------|------|------|------|------|------|-------|---|-----|----|

CENTRAL ONTARIO AND TRENT SYSTEM

| | | | | | | | | | | | | | | | | | |
|-------------------|--------|-------|-----|------|------|------|------|------|------|------|-------|------|-------|-------|---|---|----|
| Belleville..... | C38 D1 | 10.82 | 321 | 1.20 | 2.15 | 1.45 | 2.25 | 2.95 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 5 | 2 | 10 |
| Bowmanville..... | C23 D1 | 11.50 | 3 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Campbellford..... | C11 D1 | 11.25 | 32 | 1.20 | 2.15 | 1.50 | 2.25 | 3.00 | 3.10 | 3.75 | 4.80 | 5.40 | 7.10 | 8.60 | 6 | 2 | 10 |
| Cobourg..... | C13 D1 | 52.31 | 206 | 1.35 | 2.47 | 1.69 | 2.59 | 3.41 | 3.56 | 4.31 | ..... | 6.22 | ..... | 9.90 | 5 | 2 | 10 |
| Colborne..... | C7 D1 | 10.00 | 69 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.65 | 7.50 | 9.85 | 11.90 | 5 | 2 | 10 |
| Kingston..... | C44 D1 | 10.93 | 96 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Lakefield..... | C18 D1 | ..... | 1 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Napanee..... | C43 D1 | 1.49 | 6 | 1.35 | 2.50 | 1.70 | 2.60 | 3.45 | 3.60 | 4.35 | 5.55 | 6.25 | 8.20 | 9.90 | 6 | 2 | 10 |
| Newcastle..... | C22 D1 | 5.05 | 28 | 1.35 | 2.50 | 1.70 | 2.60 | 3.40 | 3.55 | 4.30 | 5.50 | 6.25 | 8.20 | 9.90 | 6 | 2 | 10 |
| Oshawa..... | C24 D1 | 41.83 | 600 | 1.00 | 1.85 | 1.25 | 1.90 | 2.55 | 2.65 | 3.20 | 4.05 | 4.60 | 6.00 | 7.30 | 4 | 2 | 10 |
| Peterboro..... | C20 D1 | 25.00 | 729 | .63 | 1.16 | .79 | 1.21 | 1.59 | 1.66 | 2.01 | 2.57 | 2.91 | 3.81 | 4.62 | 4 | 2 | 10 |
| Pickering..... | C24 D2 | 8.07 | 120 | 1.65 | 3.00 | 2.05 | 3.15 | 4.10 | 4.30 | 5.20 | 6.65 | 7.50 | 9.85 | 11.90 | 4 | 2 | 10 |
| Port Hope..... | C16 D1 | 9.64 | 35 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 5 | 2 | 10 |
| Trenton..... | C3 D1 | 1.80 | 29 | 1.35 | 2.47 | 1.69 | 2.59 | 3.41 | 3.56 | 4.31 | ..... | 6.22 | ..... | 9.90 | 5 | 2 | 10 |
| Warkworth..... | C49 D1 | .00 | 1 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |
| Wellington..... | C45 D1 | .58 | 8 | 1.80 | 3.30 | 2.25 | 3.45 | 4.55 | 4.75 | 5.75 | 7.35 | 8.30 | 10.90 | 13.20 | 6 | 2 | 10 |

Total, Central Ontario and
Trent System..... 189.27 2,284

NIPISSING SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------|-------|------|-----|------|------|------|------|------|------|------|------|------|------|------|---|---|----|
| North Bay..... | Z4 D1 | 4.50 | 142 | 1.10 | 2.00 | 1.35 | 2.10 | 2.75 | 2.85 | 3.45 | 4.45 | 5.00 | 6.55 | 7.95 | 7 | 2 | 10 |
|----------------|-------|------|-----|------|------|------|------|------|------|------|------|------|------|------|---|---|----|

Total all systems: Miles of line..... 3,889.02 Number of consumers..... 31,063

CLASSIFICATION OF SERVICES FOR RURAL POWER DISTRICTS

When contracts between the consumer and the township have been executed, users of power in townships are supplied with electric service under twelve general classes with limitations as follows:

| Class | Service | Class demand kilowatts | Phase | Volts | Fuse rating amperes (maximum) |
|-------|---------------------------|------------------------|---------|---------|-------------------------------|
| 1B | Hamlet Lighting..... | 0.75 | 1 | 110 | 15 |
| 1C | "..... | 2 | 1 | 220/110 | 35 |
| 2A | House Lighting..... | 1 | 1 | 110 | 20 |
| 2B | Small Farm Service..... | 2 | 1 | 220/110 | 35 |
| 3 | Light Farm Service..... | 3 | 1 | 220/110 | 35 |
| 4 | Medium Farm Service..... | 5 | 1 | 220/110 | 50 |
| 5 | " " "..... | 5 | 3 | 220/110 | 35 |
| 6A | Heavy Farm Service..... | 9 | 1 | 220/110 | 100 |
| 6B | " " "..... | 9 | 1 and 3 | 220/110 | 60 |
| 7A | Special Farm Service..... | 15 | 1 | 220/110 | According to load |
| 7B | " " "..... | 15 | 1 and 3 | 220/110 | According to load |
| 8 | Syndicate Outfits..... | .. | .. | ..... | ..... |

Class I: Hamlet Service—Includes service in hamlets, where four or more consumers are served from one transformer. This class excludes farmers and power users. Service is given under two sub-classes as follows:

Class 1-B: Service to residences or stores. Use of appliances over 750 watts permanently installed is not permitted under this class.

Class 1-C: Service to residences or stores with electric range or permanently installed appliances greater than 750 watts. Combinations of residence and store supplied from one service shall be not less than Class 1-C. Special or unusual loads will be treated specially.

Class II-A: House Lighting—Includes service to all residences that cannot be grouped as in Class I. This class excludes farmers and power users.

Class II-B: Farm Service, Small—Includes service for lighting of buildings and power for miscellaneous small equipment and power for a single-phase motor not exceeding 2 horsepower or an electric range (motor and range not to be used simultaneously) on a small farm of fifty acres or less.

Class III: Farm Service, Light—Includes service for lighting of farm buildings, power for miscellaneous small equipment, power for single-phase motors not exceeding 3 horsepower and electric range. Range and motor are not to be used simultaneously.

Class IV: Farm Service, Medium Single-Phase—Includes service for lighting of farm buildings and power for miscellaneous small equipment, power for single-phase motors up to 5-horsepower demand or an electric range. Range and motor are not to be used simultaneously.

Class V: Farm Service, Medium 3-Phase—Includes service for lighting farm buildings and power for miscellaneous small equipment, power for 3-phase motors, up to 5-horsepower demand, or an electric range. Range and motor are not to be used simultaneously.

Class VI: Farm Service, Heavy—Includes service for lighting of farm buildings and power for miscellaneous small equipment, power for motors up to 5-horsepower demand and an electric range, or 10-horsepower demand without an electric range. Single- or three-phase service, will be given at the discretion of the Hydro-Electric Power Commission of Ontario.

Class VII: Farm Service, Special—Includes service for lighting of farm buildings, power for miscellaneous small equipment, power for 3-phase motors from 10- to 20-horsepower demand and electric range. Single or three-phase service will be given at the discretion of the Hydro-Electric Power Commission of Ontario.

Class VIII: Syndicate Outfits—Any consumers with contracts in any of the foregoing farm classes may, with the approval of the Hydro-Electric Power Commission of Ontario, form a syndicate under a separate contract for the purpose of operating jointly a syndicate outfit provided the summation of their relative class demands is not less than the capacity of the syndicate motor.

SECTION IV

HYDRAULIC ENGINEERING AND CONSTRUCTION

Activities for the fiscal year 1928 in the work of the Hydraulic department have included the inception of construction work on two new power developments, namely those at Trethewey falls and Elliott chute, which, although of small capacity, are of importance in their relation to the systems in which they are located. The investigation of these, and other possible developments to give the service for which they were designed, had extended over a number of previous years, and throughout there has been careful study of future conditions and suitable additional sources of energy. Certain of these investigations are referred to in more detail below.

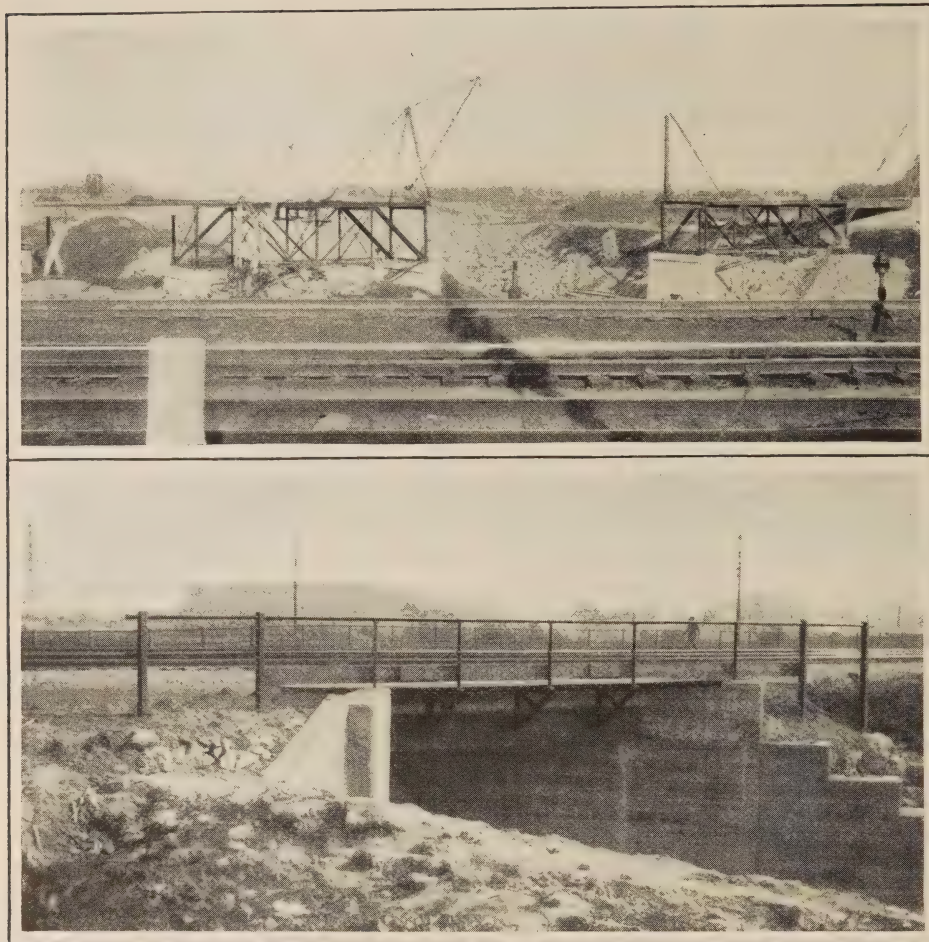
In the Niagara district, bridge construction, reconstruction of an ice chute, and certain other items of reconstruction and repair constitute the physical work undertaken. In addition to this, however, attention has been given to matters in connection with diversion of water, future load requirements and completion of the Queenston plant by the addition of the tenth unit.

The Commission at the request of the Provincial government is handling the design and supervision of construction of a dam at the outlet of Lac Seul on the English river.

NIAGARA SYSTEM

Completion of the last section of the Commission's construction railway undercrossing at the Canadian National railway and the erection of a highway bridge over the Queenston-Chippawa canal at Victoria avenue comprise the most important construction activities in this district during the year.

When the canal was built there were two Canadian National tracks crossing the canal and construction railway immediately north of the whirlpool section. The development of the railway yards immediately east of the canal has occasioned an increase in the number of tracks until, at present, five lines cross the canal and construction railway. The railway arch over the canal provided for all of these. The undercrossing of the construction railway, completed this year, provided for the last two, and also completed all prospective work at this point, the railway right-of-way now being completely occupied. The undercrossing was built by contract and is now in service.



QUEENSTON-CHIPPAWA POWER CANAL

- A—Victoria Avenue bridge over power canal, looking downstream, October, 1928.
B—Extension of Construction Railway undercrossing at C.N.R., October, 1928.

The highway bridge referred to crosses the canal north-east of the Canadian National railway and provides, by its connection with the Provincial highway through St. Catharines, convenient access to the city of Niagara Falls and the boulevard system of the Queen Victoria park. It is similar to other highway bridges built over the canal and consists of three structural steel deck spans, supported on concrete abutments and piers, with a roadway 20 feet wide, and one 6-foot sidewalk. It is being built under two separate contracts, for foundation and steel superstructure, and is now approaching completion.

Further investigation of economy and preparation of estimates for installation of the tenth unit in the Queenston power house have proceeded. Present conditions require continuous operation of nine units at a high load factor. The addition of a tenth unit will provide spare capacity when necessary, and at other times, by permitting all units to operate at more efficient loads, increase the total plant capacity above that which may be carried by nine units. The proposed tenth unit will be similar in capacity and arrangement to units 6 to 9.



ICE FORMATION AT NIAGARA FALLS

- A—Ice conditions in lower Niagara river on April 15, 1928. Enormous ice masses were swept by wind to the east end of lake Erie and were carried thence to the river below the Falls. The water level in the lower river rose thirty feet above its normal level at the Ontario Power plant, but the plant suffered no damage.
- B—Ice masses in the Niagara river in front of the Ontario Power plant on April 16, 1928. This view is taken looking toward the Horseshoe Fall from the north end of the plant. The depth from the surface to the bottom of the ice, in places, is probably more than fifty feet.

At the Ontario Power plant the ice run from the inner forebay was reconstructed. This reconstruction added materially to the capacity of the ice chute, whereby more rapid disposal of large accumulation of ice has been effected.

At the Toronto Power plant it is proposed to use the turbine driven service units to generate current for operation of switches. The governors on these units are obsolete and of a type quite unsuitable for present-day requirements; they have therefore been redesigned to fit them for the service to be demanded of them.



GEORGIAN BAY SYSTEM—POWER DEVELOPMENTS
Trethewey Falls looking south-east along site of main dam.

GEORGIAN BAY SYSTEM

The continued increase in demand for power in this system has occasioned the development of the Trethewey Falls site on the South Muskoka river. This site is immediately above the Hanna Chute station, which went into service last year. The development, known as the Trethewey Falls development, is similar in many respects to that at Hanna Chute, but has a capacity of 2,300 horsepower.

There will be a single vertical turbine unit of the propeller type in a pressure flume, which will develop 2,300 horsepower under a head of 35 feet. Above the site will be a headpond with an area of about 175 acres, and between it and Hanna Chute there is a pond area of about 400 acres. The storage in these two areas will be ample to permit effective use of the normal river flow, fitting it to the daily and weekly variations in load with small variations in headpond level. As in the case of the Hanna Chute development, the plant will be under remote control from the South Falls station. The Commission's Construction department has the work in hand, and it is expected that the plant will be completed during the summer of 1929. Contracts have been awarded to the S. Morgan Smith-Inglis Company for the turbine and governor equipment.

To be fully prepared for further power demands for this system, preliminary plans and estimates have been made for a series of developments on the Musquash river, draining the Muskoka lakes into Georgian bay. Investigations indicate that an aggregate capacity of 40,000 horsepower may be developed very econ-

omically on this river. Furthermore, the flow characteristics of the river are advantageous in their relation to the system load, particularly in this respect, that ample water supplies are available during the winter months when the system load is high. The logical initial development is at Ragged Rapids, where a 12,000 horsepower installation may be made under a head of 40 feet. The progressive development of the other sites will be made as required.

The advisability of adding to the installation at Eugenia Falls has been studied with a view to increasing the peak capacity of the system.

The governor pumping arrangement at Big Chute, which was of the separate system type and somewhat unsatisfactory in operation, is being reconstructed into a central pumping system. New pumps, piping and tanks were purchased and are being installed.

Examination and investigation have been made of certain storage sites on the Black river, a tributary of the Severn, and it is expected that additional storage will be provided. This work will likely be undertaken by the Department of Lands and Forests of Ontario, and the costs assessed among the various parties benefiting therefrom.



NIPIGON RIVER POWER DEVELOPMENTS—THUNDER BAY SYSTEM
Cofferdam for main dam of Alexander power development at shut down, November, 1927.

THUNDER BAY SYSTEM

Construction work at the Alexander Power development continued until December, 1927, and then ceased for the winter. As the demand for power had fallen off in Port Arthur and Fort William, further work was deferred until load growth demands it. At the time when work was discontinued, the cofferdam for diversion of the river past the site of the earth dam was practically completed, and is ready for closure. The diversion canal, through which the river will flow when the cofferdam is closed, is completed, together with the concrete structure of the control works. Power house and forebay excavation is well advanced, and the power house cofferdam is about half finished. A large amount of rock

has been placed in the toe of the main dam. All of the work is in such a state that construction can proceed without delay from the state at which it ceased. The hydraulic turbines, for which contracts had been made with the S. Morgan Smith-Inglis Company, are completed and ready for installation.

NIPISSING SYSTEM

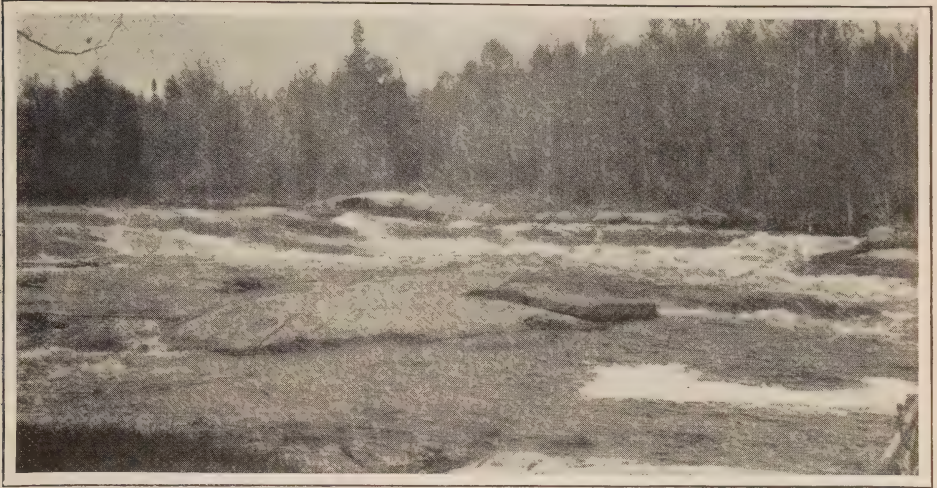
The new development at Elliott Chute is now under construction. This site is immediately upstream from the headpond of the Bingham Chute development. Primarily, it is a storage development having a capacity between high and low reservoir elevations of 5,000 acre feet, but in addition it will provide a further generating capacity of 1,800 horsepower. This will be installed in a single vertical unit. A storage development was essential to permit the Bingham Chute and Nipissing plants to use the available water supply advantageously and to meet, in part, the growing load demands in periods of low river flow. The site is excellently placed in relation to the existing plants, as the discharge from the Elliott Chute reservoir passes immediately into the Bingham Chute headpond, and thence by seven miles to the South river to the Nipissing plant. One of the difficulties in connection with storage developments on small rivers is to locate them so that the water in storage basins is available when required. A series of small inexpensive reservoirs near the headwaters of a stream may contain as much stored water as one close to power concentrations, but may be practically useless at periods of deficient stream flow, for various reasons. For example, the great length of channel between reservoir and power plant frequently causes a considerable time to elapse between discharge of water from the reservoir and increased flow at the power plant; or water discharged into the river channel may, in the winter season, run into and be held in the snow cover until the spring break-up. These disadvantages, both of which have been experienced in the past on the South river, will be overcome by the Elliott Chute storage reservoir, as water discharged flows directly into the Bingham Chute headpond and is, therefore, immediately available at the latter plant. The Bingham Chute discharge reaches Nipissing after an interval of only a few hours, with no possibility of any large amount of the flow being held in the river channel between the two plants.

The power development at Elliott Chute will have a single, vertical turbine unit of the propeller type, rated at 1,800 horsepower under a head of 39 feet. The contract for the supplying of this equipment has been awarded to the S. Morgan Smith-Inglis Company. A 10-foot wood-stave pipe, 200 feet long, leads from the headworks to a concrete pressure flume, in which the turbine is installed. It is proposed that this plant will be operated by remote control from Bingham chute.

As stated above, the dam and headworks are under construction, and it is expected that power will be available during the summer or early fall of 1929.

Lac Seul Dam—English River

Following the report made for the Provincial government regarding the regulation and power resources of the English river, arrangements have been made whereby the Commission's engineers are in charge of the design and construction of a regulating dam at the outlet of Lac Seul. The Dominion



NIPISSING SYSTEM—POWER DEVELOPMENTS
Elliott Chute, looking upstream to dam site.

government and the governments of Ontario and Manitoba are parties to the work, as the regulated flow will benefit developments further downstream and on the Winnipeg river in the province of Manitoba. The dam, which is 44 feet high, is a pier and stop-log structure, with gravity end walls, has twenty sluiceways each 14 feet wide, and has a total length of 601 feet, including gravity sections. The storage basin created by it will have a capacity of 400,000 acre feet. A contract for the work has been let to Morrow and Beatty, Limited, and construction is proceeding as rapidly as possible, with a view to conserving the spring run-off of 1929. The site is one hundred miles from the Canadian National



STORAGE SITE ON THE ENGLISH RIVER
Lower Ear Falls, the site of the proposed Lac Seul Dam.

Railways station at Hudson, from which point water transportation was used for all materials and supplies. Practically all heavy material had been transported to the dam site at the end of October, before the closing of the navigation season. Construction work up until that time included camp buildings, coffer-dam and excavation, preparation of foundations, and partial completion of two earth dykes. Pouring of concrete will commence within a few weeks and it is expected that the dam will be so far advanced by the end of winter as to permit the conservation of the flood run-off in the spring of 1929.

HYDRAULIC INVESTIGATIONS

Niagara River

Reference was made in the last annual report to the progress of proposals for the better distribution of the flow in the Niagara river over the Horseshoe falls. Since then the International Niagara Board of Control has issued an interim report, making definite proposals in connection with the work. The interest of the Commission in these proposals, and in fact in any work that it is proposed shall be done in the Niagara river, is very great, as possible variation in Niagara river levels caused thereby will have important effects on the capacity of the power developments, particularly the Queenston-Chippawa development. The report has therefore been studied carefully, together with other related works, particularly those in connection with the proposed regulation of the lakes. One additional recording gauge has been installed to collect water level records at a strategic point in relation to the compensating weir proposed by the Board.

Madawaska River

Further investigation and studies have proceeded, and preliminary estimates have been made on the various power sites on the Madawaska river below Palmer's rapids.

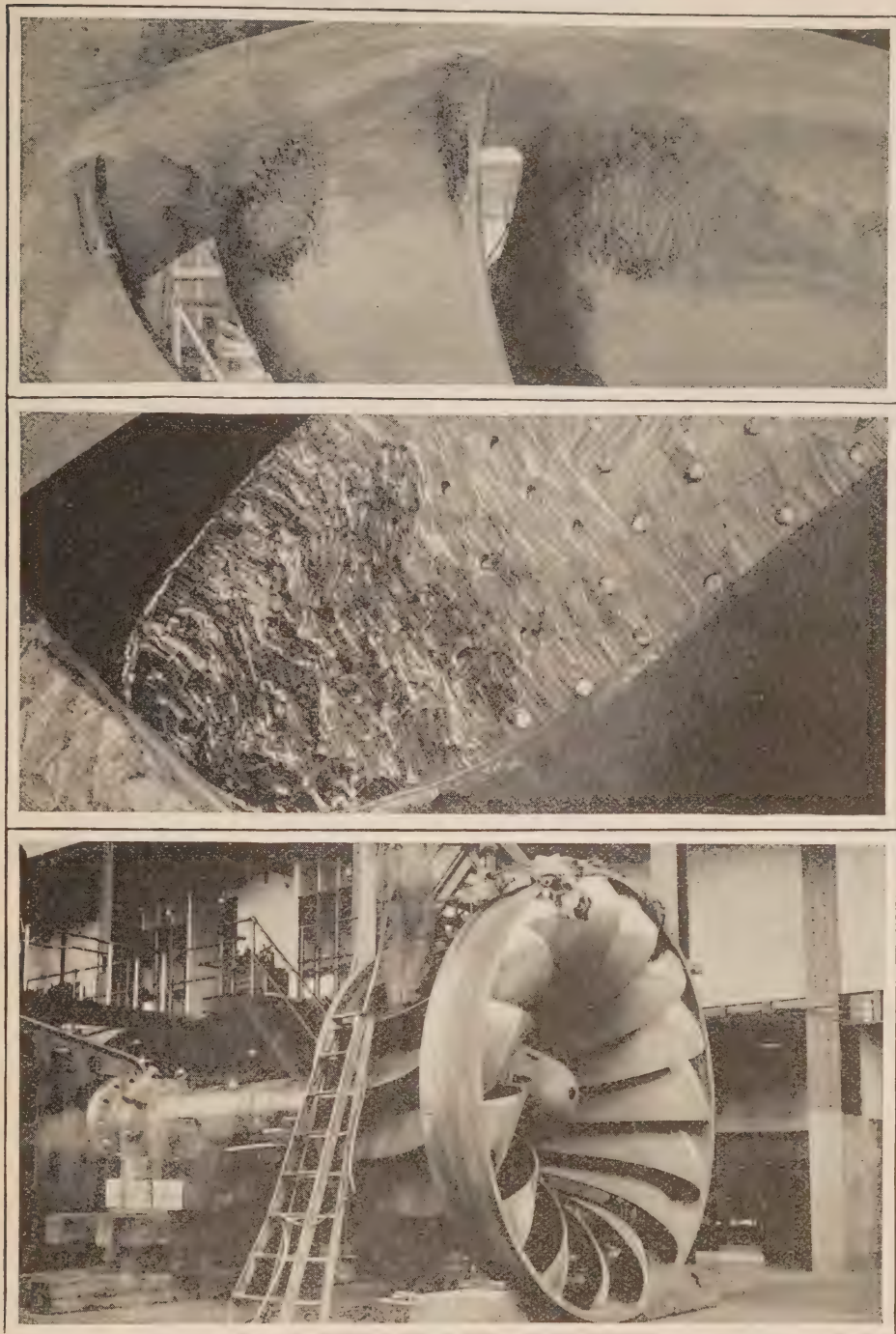
At the request of the municipality of Arnprior, plans and estimates of cost for the reconstruction of the dam on the Madawaska river were made. The extreme floods in the spring of 1928 caused considerable damage to this structure, which served to maintain a ponded section of the river, acting as a collecting basin for the municipal pumping plant. In accordance with the request, estimates covered the cost of a dam to protect the waterworks intake and the additional cost to make power development available.

Ottawa River

The various schemes of development for the Chats falls and Carillon sites have been investigated.

St. Lawrence River

In the office, investigations have continued on the development of the St. Lawrence river. New pertinent data have been collected, and estimates have been revised and studied in connection therewith.



PITTING OF TURBINE RUNNERS

- A—Pitted surface on two vanes of Nipigon runner after four years of service. All vanes similarly affected.
B—Pitted area of one vane cleaned and partially studded preparatory to welding.
C—Welding of pitted runner completed, and welded areas ground to smooth surface.

Pitting of Turbine Runners

In common with all other large users of hydraulic turbines, the Commission has experienced a certain amount of trouble from pitting of turbine runners. Widely diverging opinions are held as the causes of pitting, included among which are excessive draft heads, faults in design, and use of higher specific speeds than formerly. Whatever the cause or causes, pitting is experienced to a greater or less extent in about one wheel in four, and to such a degree that means must be taken to correct it in about once case in ten. Careful attention has been given to this matter wherever it is found, and the effect of the present trend of turbine and plant design has been carefully watched to protect the Commission's plants as far as possible from future trouble.

Efficiency tests on badly pitted runners, that had been tested also when new, showed a reduction in efficiency that was surprisingly small when one considered the advanced degree to which the pitting had extended. There is, however, a possibility of the runner eventually being weakened to a dangerous degree, or that its repair may not be practicable. Welding has therefore been resorted to in a number of instances. The condition of an eroded runner bucket and process of repair is illustrated in the accompanying views.

SECTION V

ELECTRICAL ENGINEERING AND CONSTRUCTION

(STATION SECTION)

NIAGARA SYSTEM

Generating Stations on the Niagara River

No new construction work was undertaken at the generating stations apart from minor changes and additions to improve operating conditions. A new automatic elevator was purchased and installed in the Queenston generating station.

Transformer and Distributing Stations

Niagara District—Metering equipment was installed at the Growers Cold Storage and Ice Company metering station.

Hamilton and Dundas District—A 13,200-volt transfer bus and switching equipment for an additional feeder were installed at Hamilton transformer station.

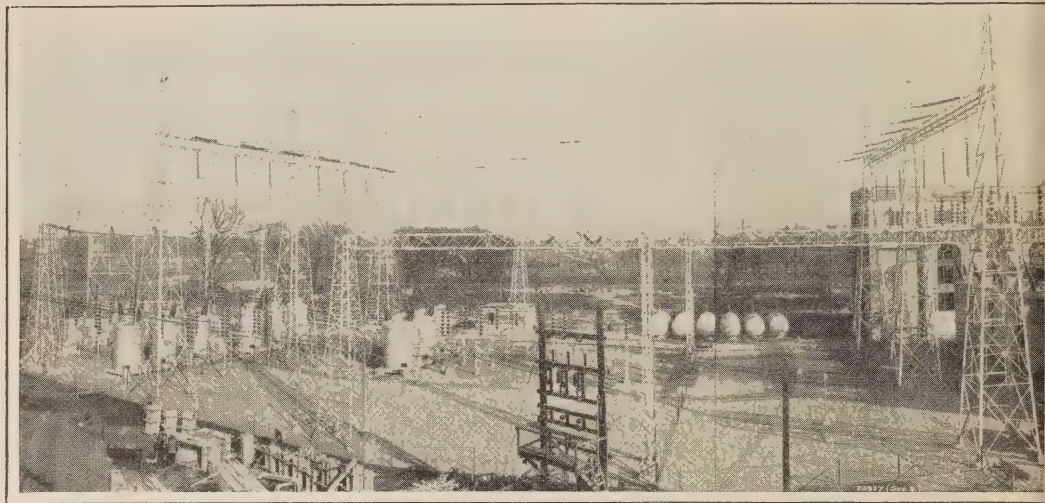
At Waterdown distributing station the 300-kv-a. transformer bank was replaced by a bank of three 250-kv-a., single-phase units and the metering equipment was improved.

Toronto District—At Toronto-Bridgman transformer station a steel structure with switching equipment was erected for two 110,000-volt circuits from the new Toronto-Leaside transformer station.

Toronto-Leaside Transformer Station.

The Toronto-Leaside transformer station was placed in service on October 1, 1928, when power was supplied from the Gatineau Power Company's generating station at Pagan falls on the Gatineau river over the Commission's 220,000-volt transmission line.

The initial installation comprises two 45,000-kv-a. transformer banks with one spare unit, and switching equipment for one incoming 220,000-volt circuit and two outgoing 110,000-volt circuits. The latter tie into the Niagara system at Toronto-Bridgman transformer station. A 13,200-volt building is nearly completed, which will house the switching equipment for feeding power to the Toronto Hydro-Electric System. Outdoor 13,200-volt switching apparatus is being installed to supply municipalities adjoining Toronto.



GATINEAU POWER SUPPLY—

Left—Incoming 220,000-volt line; switching structures and switches; 220,000-volt ring bus structures; service building; transformer banks Nos. 1 and 2.

The transformers are outdoor type, water-cooled, have three windings of 15,000-kv-a. capacity each and are equipped with under-load voltage control to vary the voltage $7\frac{1}{2}$ per cent above or below normal on the medium-voltage side. They are star-connected on the high- and medium-voltage side for 220,000 and 110,000 volts respectively, while the low-voltage is 13,200 delta-connected. The high-voltage winding has graded insulation with the neutral solidly grounded.

A service building with a 75-ton, electrically-operated crane is available for assembling the transformers. A track runway extends from this building to the transformer foundations and the units may be moved in and out by means of a transfer truck.

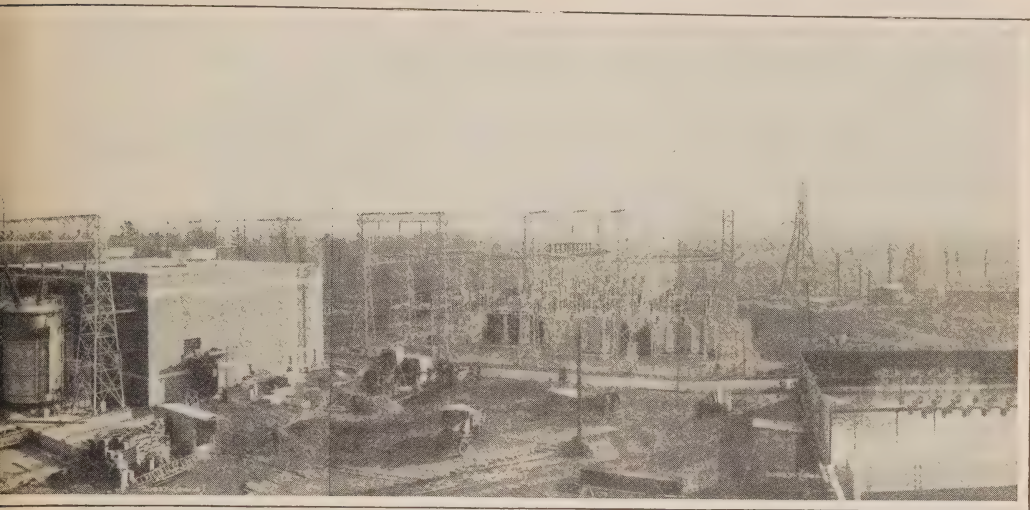
Beneath the transformers is a tunnel in which are placed the water and oil piping, control cables, and the transformer temperature indicators, one for each winding and the oil.

The 220,000-volt and 110,000-volt steel structures supporting the disconnecting switches and busses are situated on opposite sides of the 13,200-volt building which in turn is directly behind the transformer banks.

The control for the entire station is centrally located behind the service building in a control room 35 feet by 45 feet. The operation of circuit-breakers and disconnecting-switches is done by telephone keys mounted on bench boards. The meters and voltage-ratio control are mounted on panels back of the bench boards.

The capacity of this station when completed will be four 45,000-kv-a. banks. Provision is made, however, for increasing the capacity to eight 45,000-kv-a. banks if required.

Two 25,000-kv-a. vertical outdoor synchronous condensers are on order for installation in the Fall of 1929.



LEASIDE TRANSFORMER STATION

Right—13,200-volt switch building; 110,000-volt switching structure and switches; outgoing 110,000-volt line; cooling pond.

A bank of three 250-kv-a. transformers was installed at Aurora distributing station. Switching equipment was also installed for a 13,200-volt line and 4,000-volt feeder and changes were made in the metering equipment. A second bank of three 300-kv-a. transformers, an additional 4,000-volt feeder and metering equipment were installed at York Mills distributing station.

Guelph District—Switching and metering equipment for a 13,200-volt line to feed Provincial Paper Mills distributing station was installed at Georgetown distributing station and a bank of three 150-kv-a. transformers was installed at the former station.

Preston District—Emergency connections were installed between the 13,200-volt bus and the 110,000-volt lines so that the spare 2,500-kv-a. transformer may be connected to the busses.

Stratford District—One bank of three 1,250-kv-a. transformers and the spare unit were replaced by 2,500-kv-a. units. The latter were units re-built from similar transformers to those removed. The capacity of the 110,000-volt oil breakers in the line was also increased, the transformer truck reinforced, a larger oil filter-press installed and a galvanized iron storehouse erected.

New switching equipment was installed at Clinton municipal station and the three 75-kv-a. transformer units at Mitchell municipal station were replaced by three 150-kv-a. units. Improvements were also made to the buildings and grounds of the latter station.

St. Marys District—A bank of three 150-kv-a. transformers was installed in St. Marys transformer station to feed St. Marys rural power load at 8,000 volts.

Woodstock District—Switching and metering equipment was installed at Beachville distributing station for a rural feeder. The 50-kv-a, three-phase transformer at Embro distributing station was replaced by a bank of three 75-kv-a. units.

St. Thomas District—The 150-kv-a. three-phase transformer at St. Thomas rural distributing station was replaced by a 300-kv-a. unit. Changes were also made in the metering equipment.

Brant District—An outdoor bank of three 500-kv-a. transformers was installed at Simcoe municipal station. This station will now carry the load of the Norfolk distributing station which has been partially dismantled and the 300-kv-a. transformer placed in storage at St. Thomas transformer station.

Cooksville District—The three 300-kv-a. and three 500-kv-a. transformers originally located inside Brampton municipal station have been changed to outdoor type and installed outside.

Kent District—The transformer capacity at Blenheim distributing station was increased by replacing the three 150-kv-a. transformers with three 250-kv-a. units. The switching equipment was also replaced by equipment of larger capacity. A new pole-type station known as Rondeau distributing station, was installed, consisting of a bank of three 75-kv-a. transformers with the necessary switching equipment. Equipment for three 4,000-volt feeders was installed at Thamesville distributing station.

GEORGIAN BAY SYSTEM

Severn Division

At the C.P.R. Port McNicoll distributing station alterations were made and the necessary switching equipment was purchased and installed so that the 1,200-kv-a. steam turbine driven generator may be paralleled with the system.

Two new 22,000-volt outdoor, single-phase stations, known as Innisfil distributing station and Buckskin distributing station, were installed during the year. The former has two 100-kv-a. transformers and the latter one 25-kv-a. unit.

Engineering assistance was given the Midland municipality in the purchase and installation of equipment for a new 22,000-volt station to supply the Aberdeen Elevator Company. Three 200-kv-a. transformers were purchased for this installation.

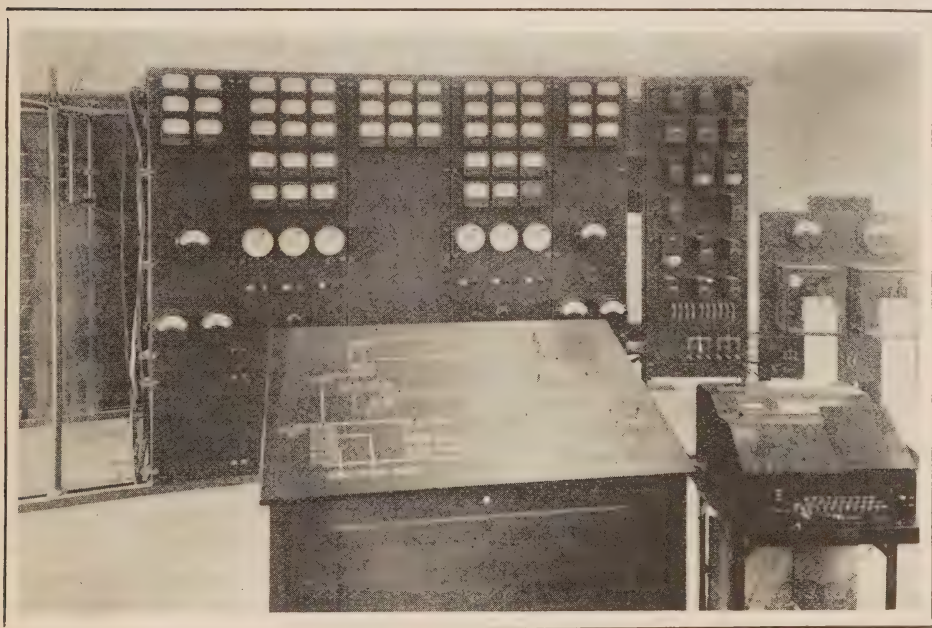
The necessary switching equipment was purchased and installed to replace the obsolete equipment on the municipal feeders at Penetang distributing station. A 90-kv-a. static condenser was purchased and installed for the municipality in the Elmvale distributing station.

Eugenia Division

A voltage regulator was installed for the municipality of Paisley on its feeder in Chesley distributing station. An indicating demand meter was installed in Kilsyth distributing station.



LEASIDE TRANSFORMER STATION
Control and service buildings



LEASIDE TRANSFORMER STATION
Control board and meter panel

Three 40-kv-a transformers and switching equipment were installed at Mount Forest frequency-changer station so that the machine may be started from the 60-cycle system.

The three 100-kv-a. transformers at Orangeville distributing station were replaced by a bank of three 150-kv-a. units.

Muskoka Division

Work is underway for the erection of a generating station at Trethewey falls, which will be remote controlled from South Falls generating station. A 2,000-kv-a. generator and other equipment has already been purchased and it is expected that the station will be in service next Summer.

A pole-type station known as Beaumaris distributing station was erected near Bracebridge to supply the Beaumaris district with power.

ST. LAWRENCE SYSTEM

A second 300-kv-a. three-phase transformer was installed at Chesterville distributing station and the three 50-kv-a. single-phase transformers at Winchester distributing station have been replaced by a 300-kv-a. three-phase unit. Both these stations, together with Williamsburg distributing station, have been changed over from 25,400 volts to 44,000 volts and the Morrisburg transformer station where the voltage was stepped down from 44,000 volts to 25,400 volts has been dismantled.

The 300-kv-a. transformer at Prescott distributing station was replaced by a 750-kv-a. unit.

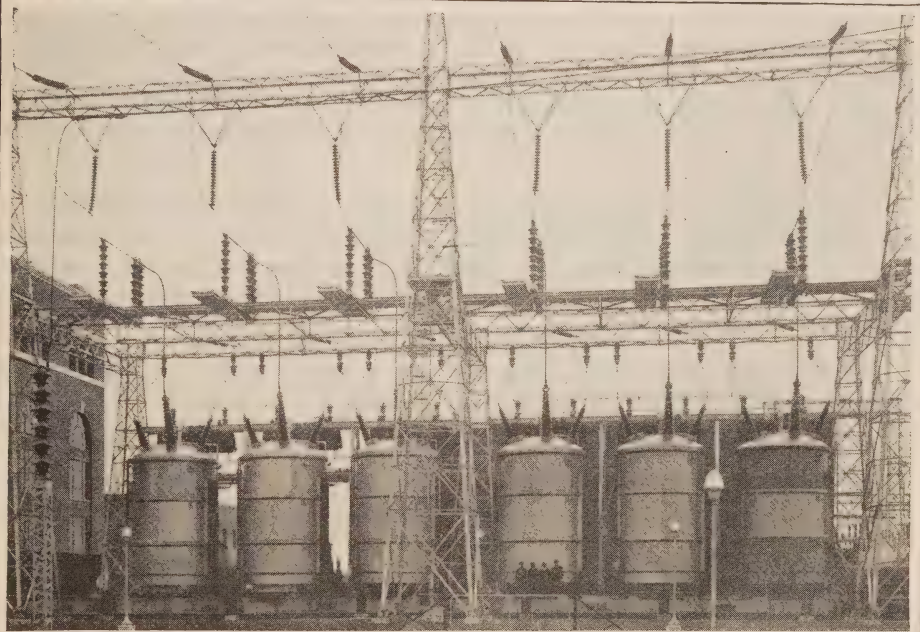
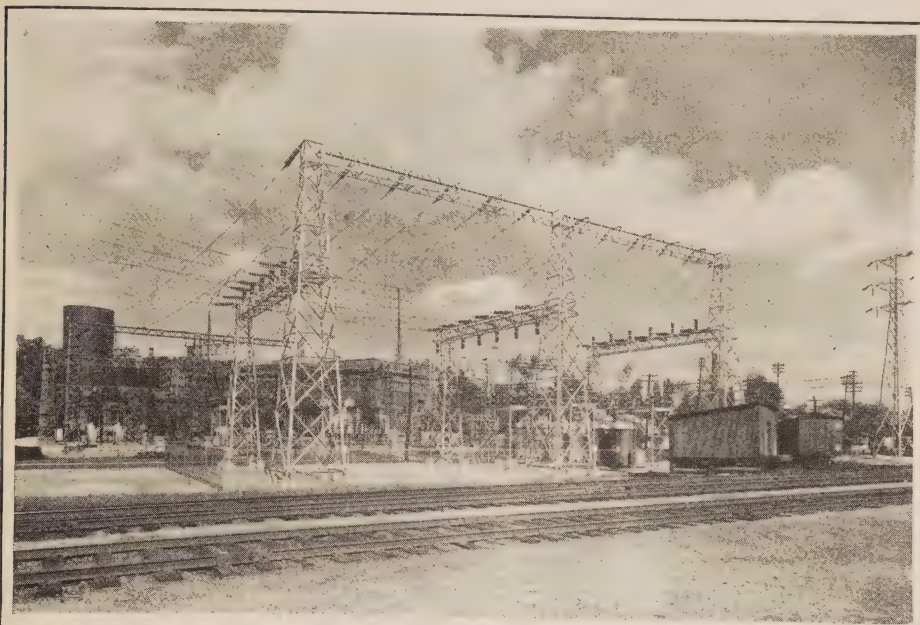
CENTRAL ONTARIO AND TRENT SYSTEM

Generating Stations

At Heely Falls generating station additional telephone equipment was installed.

Transformer and Distributing Stations

In order to meet the increasing load demand throughout the system, a new station was erected at Belleville with one 750-kv-a. transformer to supply Corbyville at 6,600 volts and one 750-kv-a. transformer to supply the northern section of Belleville at 2,400 volts; a 100-kv-a. transformer was transferred from Brighton distributing station and installed at Colborne distributing station; the spare 750-kv-a. transformer at Kingston distributing station was permanently installed there; a 3,000-kv-a. self-cooled transformer was purchased for Oshawa and installed in a new station; also a 3,000-kv-a. water-cooled transformer was purchased and installed at Oshawa distributing station, replacing a 750-kv-a. unit; a municipal station was built at Whitby and a 750-kv-a. transformer was purchased and installed.



GATINEAU POWER SUPPLY

A—Bridgeman and Davenport transformer stations, from south, showing incoming line from Leaside transformer station.

B—Leaside transformer station—Transformer banks Nos. 1 and 2.

Another neutral ground on the 44,000-volt circuits was made at Auburn transformer station. The relay and switching equipment at Auburn switching station was improved. Two 50,000-volt potential transformers were installed at Belleville switching station, replacing two 40,000-volt units transferred to Port Hope switching station. These changes were made to augment the relaying of the system. New equipment was also purchased and installed for a second 44,000-volt circuit at Oshawa distributing station. Metering equipment was installed at the Lakefield Engineering and Construction Company's metering station.

Improvements were made to the telephone protective equipment at a large number of stations on the system.

NIPISSING SYSTEM

Work is underway for the erection of a generating station at Elliott Chute on the South river near Powassan. An 1,800-kv-a. generator has already been ordered, which will supply additional power to the Nipissing system.

EASTERN ONTARIO TRANSMISSION LINES

In order to receive the first block of 60-cycle power from the Gatineau Power Company a 110,000-volt outdoor transformer station was constructed at Smiths Falls to step the voltage down to 44,000-volts and tie into the Central Ontario system and St. Lawrence system over two circuits to Kingston and Brockville respectively.

Four 5,000-kv-a. single-phase, self-cooled transformers comprising one bank and spare unit were purchased and installed. These are three-winding transformers 110,000/44,000/4,160-volts with under-load voltage control on the 44,000-volt side. The equipment at the station also includes switching for the 110,000-volt incoming circuit and two 44,000-volt outgoing circuits.

A 44,000-volt switching station was erected at Kingston to tie in these transmission lines to the Central Ontario system.

SECTION VI

TRANSMISSION, DISTRIBUTION AND RURAL SYSTEMS

TRANSMISSION SYSTEMS

During the past year the Transmission Department of the Commission's organization has been exceptionally busy. The chief construction work has been in connection with the 220,000-volt transmission line bringing power from the Gatineau river to the Niagara system at Toronto, and with the transmission lines designed to convey Gatineau river power to the eastern systems of the Commission, namely, the St. Lawrence, Rideau, Ottawa and Central Ontario and Trent systems.

Elsewhere, additions to steel-tower and wood-pole lines have been completed, and studies involving design and economics have been made in preparation for new construction.

Further details of the work of the Transmission department are given below. In connection with the Rideau, Thunder Bay and Nipissing systems, only a small amount of line work was necessary and this does not call for detailed description.

Tabulations of the Commission's lines showing the mileage constructed, the sizes of conductors and other similar statistics will be found in Appendix II of the Report.

NIAGARA SYSTEM

20,000-volt Line

On October 1, the Hydro-Electric Power Commission inaugurated a further expansion by placing in operation a new 220,000-volt transmission line between Pagan Falls and Toronto.

Actual construction was started in July, 1927, and the completed line was successfully tested on September 23, 1928. It was officially placed in service by Premier Ferguson, at a suitable ceremony, on October 1, 1928. Details of design and route were outlined in the Annual Report for 1927. Consult also map at end of Report.

110,000-volt Lines

The only addition to the 110,000-volt lines in the Niagara system was between the new Leaside transformer station and Bridgeman transformer station. This line was erected on steel towers and has two circuits of 605,000 circular mil, steel-reinforced aluminum conductor.

Other Lines

Between the Ontario Power transformer station and the Niagara River crossing, on the 60,000-volt line, pin-type insulators were replaced by suspension-type insulators and the clearance between conductors was increased.

Between Brant transformer station and Brantford and from Rondeau junction to Rondeau distribution station, new 26,400-volt lines were built. The distances are 7 and 7.17 miles respectively.

At Brantford municipal station and Brant transformer station the 26,400-volt lines were rearranged in order to facilitate switching and to relieve congestion.

From Woodstock transformer station 6.34 miles, and from Georgetown distribution station 1.42 miles, of single circuit 13,200-volt lines have been constructed to supply new customers. From the Ontario Power transformer station to Slater junction it was necessary to build 1.33 miles of single-circuit, 12,000-volt line due to the increased demands on municipal stations at Niagara Falls.

Between the Humber river and York transformer station the telephone line has been dismantled and rebuilt on "Hydro" right-of-way.

GEORGIAN BAY SYSTEM

Muskoka Division

Between South Falls generating station and Trethewey Falls generating station, 2.31 miles of 6,600-volt line have been built to be used as a tie line.

ST. LAWRENCE SYSTEM

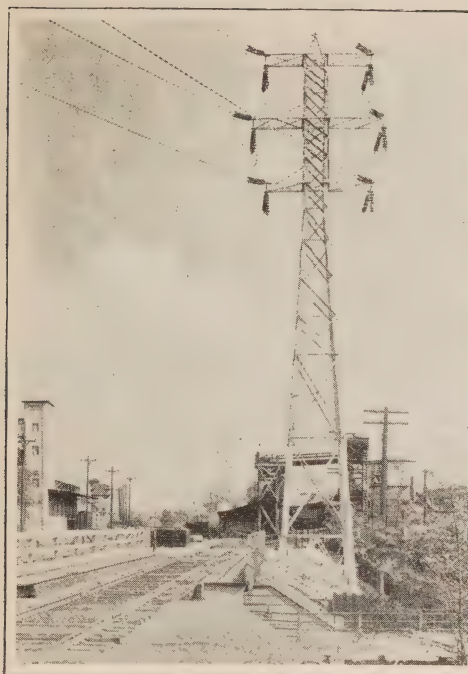
Line construction in this system has been confined to changing the 26,400-volt line between Morrisburg and Chesterville to 44,000-volt operation. In the line to Prescott, from Morrisburg, air-break switches have been installed at Eugene Phillips Company junction.

CENTRAL ONTARIO AND TRENT SYSTEM

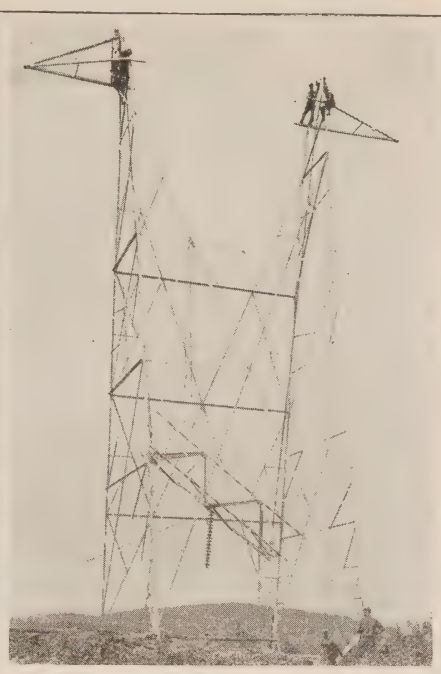
Between Newcombe junction, which is near Trenton, and the city of Oshawa, approximately 60 miles of 44,000-volt, single-circuit, wood-pole line has been constructed. The spacing on this line is so arranged that it may be reinsulated and operated at 110,000 volts.

The new Belleville transformer station has been connected to the Corbyville, 6,600-volt feeder by means of a line crossing the Moira river.

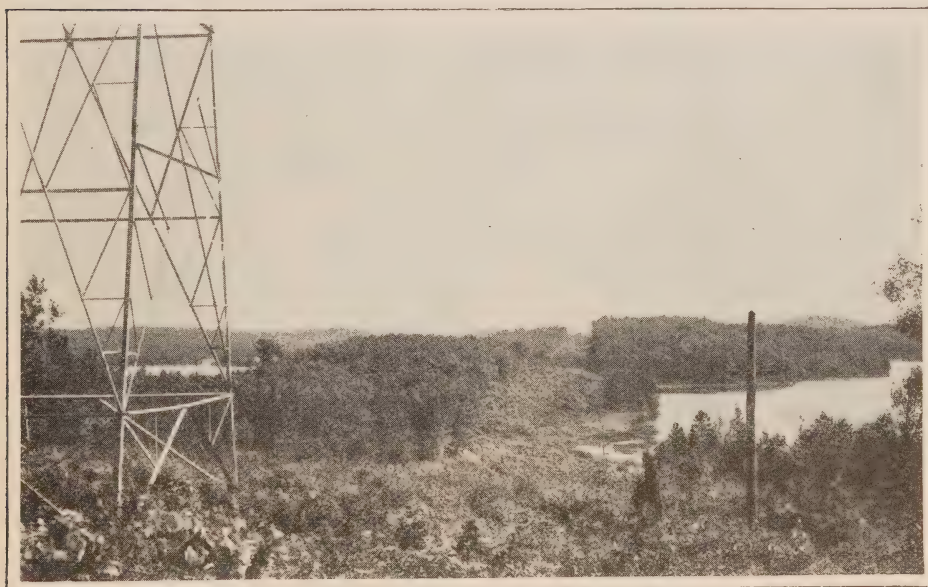
Between Belleville and Kingston additions to telephone circuits are being made.



Tie line Leaside to Bridgeman Avenue,
east from Poplar Plains Road



Completing standard tower on 220,000-volt
transmission line



GATINEAU POWER SUPPLY

220,000-volt transmission line traversing rough lake country

EASTERN ONTARIO HIGH-VOLTAGE TRANSMISSION LINES

In eastern Ontario a new 110,000-volt, 60-cycle transmission network is being constructed to supply the St. Lawrence, the Rideau, the Ottawa, and the Central Ontario and Trent systems from power plants on the Gatineau river. Wood-pole and steel-tower lines aggregating 117 miles in length have been constructed and are being placed in service during the present year. Consult transmission line map at end of the Report.

DISTRIBUTION AND RURAL SYSTEMS

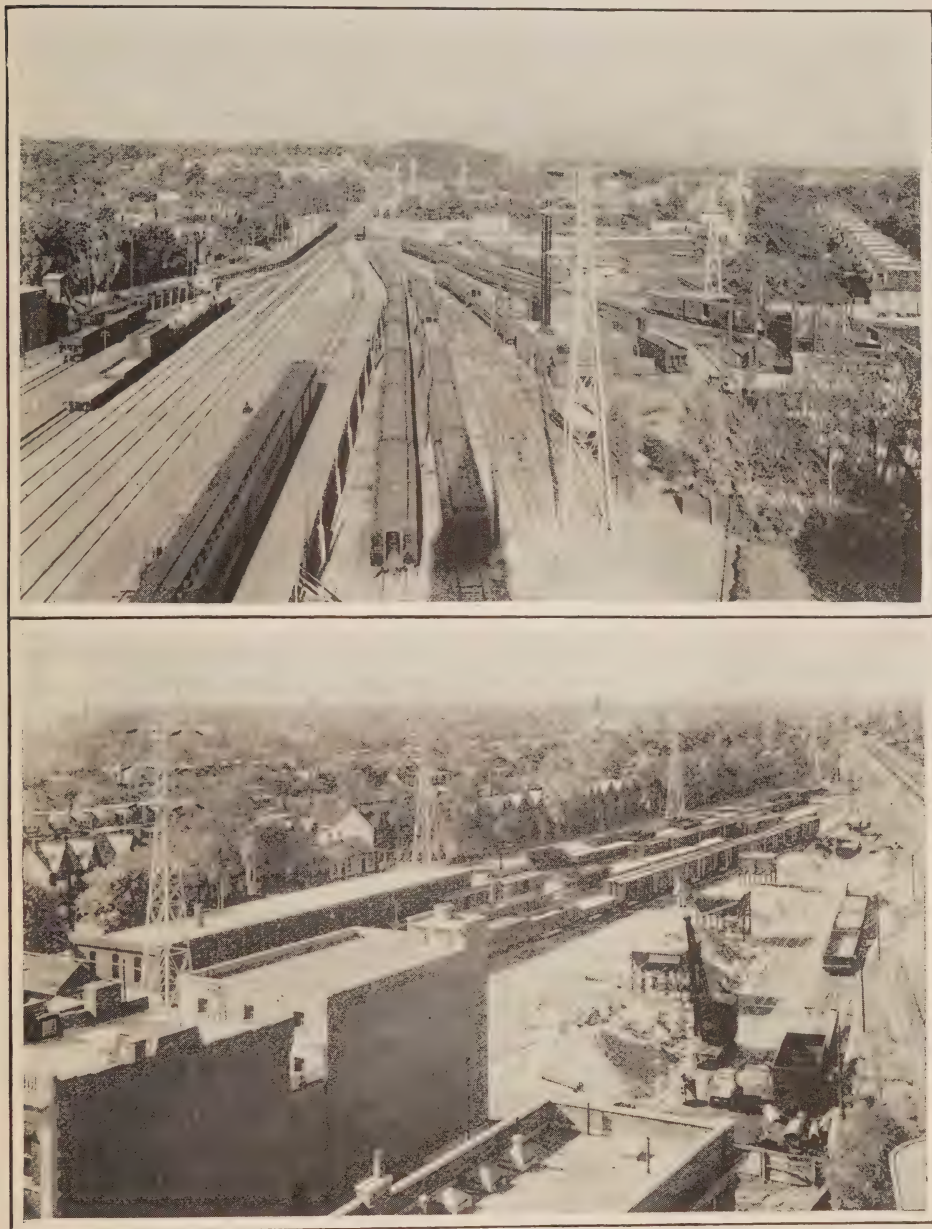
The properties covered under this heading include certain low-voltage lines supplying power to incorporated municipalities, and complete distributing systems in the rural districts. The municipal distributing plants in the Central Ontario district are referred to under Section III, "Municipal Work."

In addition to the routine engineering work required for new construction, a continuous study is carried on in an effort to provide more suitable materials and equipment, improved designs and increased economy in the construction of distributing systems. Particular attention has been paid during the year to the resistance of ground connections; low resistance ground connections are desirable for the protection of equipment and to safeguard persons in contact with equipment.

Due to the existence of numerous telephone lines on the highways, there has been occasionally some conflict with the telephone companies in the projection of the rural lines. Several conferences have been held with various companies and with the officials of the telephone associations and troubles from this cause have been reduced to a minimum.

The tables appearing in Appendix III record the work completed during the year, which may be summarized as follows:

| | |
|--|-------------|
| Distribution feeder lines built | 26.47 miles |
| Rural power district primary lines built | 929 " |
| Metering stations erected | 16 " |
| Distributing stations erected | 2 " |
| Municipal systems built or extended | 9 " |



GATINEAU POWER SUPPLY

Tie line between Leaside transformer station and Bridgeman Avenue transformer station

A—Looking east from North Toronto station, C.P.R.

B—Looking west from North Toronto station, C.P.R.

SECTION VII

THE LABORATORIES

As anticipated in the report for last year, this department has been extremely busy during 1928. The construction of the 220,000-volt line from the Ottawa river to Toronto was responsible for most of the additional work imposed upon the Laboratories. In the reports of the various sections detailed reference is made to this work, the main features of which have been; steel inspection for the transmission towers; inspection and tests of transformers and other station equipment; investigations dealing with the features of line construction and with the electrical characteristics of the line; studies of voltage rises on the "dead" line during periods of lightning disturbances; and tests on the completed line under normal voltage and under short circuit and ground conditions to obtain information regarding the efficacy of relay protection and inductive effects in neighbouring communication circuits.

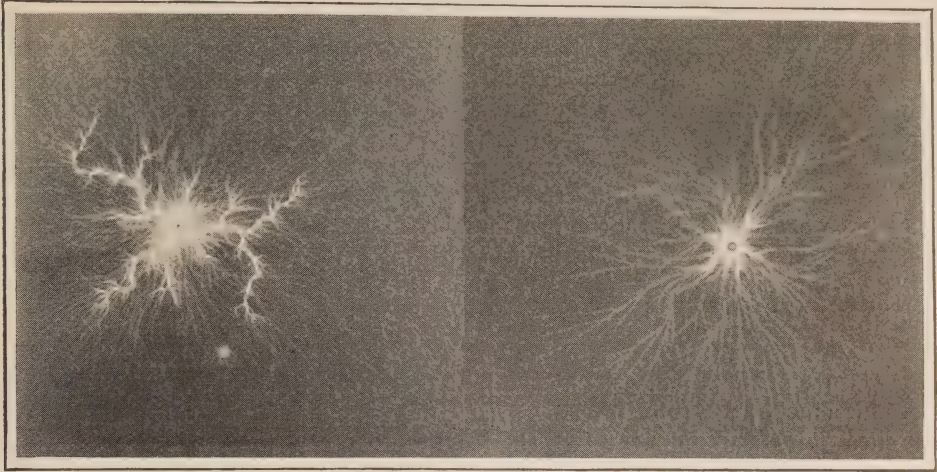
The co-operative work in standardization which the department has carried on for some years and which is described in previous reports, has been continued.

High Tension and General Electrical Laboratory

The routine work of this section has been carried on in a similar manner to that of previous years. The work inside the Laboratories has not altered appreciably but considerably more inspection and witness testing in the factories of the manufacturers has been done. Much of the latter has also involved some original investigation on the properties of materials and their use.

A special study has been made with the aid of klydonographs of the surges on the new 220,000-volt line due to lightning and the manner of dissipation of the energy of such surges. This study was facilitated by the fact that a section of line was available for testing before power was actually turned on, hence there were no switching surges to confuse the results. The results so far all tend to justify the principles of design adopted in this line.

Co-operation with the staff of the University of Toronto in researches respecting the problem of resuscitation was continued for the greater part of the year.



Klydonograph records of voltages induced in a 220,000-volt power line from lightning striking the overhead ground. These records were taken at towers 1.1 miles apart at the same time

Attention to the problem of developing a satisfactory acoustic shock absorber has resulted in some progress. Many of the Commission's telephone lines are carried on poles that also carry power wires and are subject to extreme disturbances in case of trouble on the power line and the object of the shock absorber is to protect operators as far as possible from any injury which might result from such abnormal conditions. Other problems occupying the attention of the staff have included: electrolysis of underground conductors and its mitigation; field testing of insulators; cable testing by alternating current and high-voltage direct current and fault location; methods of communication by radio, guided carrier wave and audio frequency.

Meter and Standards Laboratory

This section of the Laboratories is devoted mainly to electric meters and the maintenance of such equipment as may be necessary to check such instruments as are in daily use by the engineers. Standard resistances, standard cells, Leeds and Northrup potentiometers and Weston laboratory standard voltmeters, ammeters and wattmeters with auxiliary apparatus, provide the necessary reference units.

Watthour meters are rebuilt and repaired ready for testing by the inspectors of the Department of Revenue. Special resistances have been assembled for checking meggers and megs. A new scheme for checking the ratio and phase-angle of potential transformers has been devised and the necessary equipment is now being constructed. Further use of the oscillograph has been made in checking the electrical characteristics of apparatus.

Our instrument repair shop has been quite busy throughout the year constructing special apparatus as well as carrying on considerable repair work. This facility increases the flexibility of the equipment now available for testing.

Illumination Laboratory

Lamp Testing

The testing of "Hydro" lamps as required by the specifications under which they are made forms the major part of the work of this section of the Laboratories. The tests include examination and inspection for defects in manufacture or material, and measurement of the rating by an inspector stationed at the factory, and the life testing at the Laboratory of representative groups that have been selected by the inspector from batches of lamps that were satisfactory as determined by the inspection and tests conducted at the factory. This work is of a routine nature and is continued from year to year along the same general lines.

By means of this service the Laboratory is enabled to detect promptly any feature of manufacture which might prove detrimental to service and the Commission is kept fully informed regarding the quality of the lamps that it supplies to its customers through the local municipal utilities.

The number of lamps purchased during the past year is greater than that of any previous year.

A comparatively small number of lamps was tested for outside parties during the year.

Lighting Service

There has been an encouraging increase in the number of requests for information on lighting problems. These have included both relighting old premises and lighting new buildings. In most cases complete plans and specifications have been submitted.

Most of these requests have come from a very few municipalities which indicates that throughout the "Hydro" system there is a great deal of service that the Illumination Laboratory can render if the local managers would utilize the facilities at their disposal. No direct charge is made for this service to "Hydro" users and the Laboratory can be of valuable assistance in this connection.

Automobile Headlight Tests

The Illumination Laboratory is represented on the Motor Vehicle Lighting Committee of the Illuminating Engineering Society and has thus been able to render valuable service to the Department of Public Highways.

The optical requirements of automobile headlamps are well defined, based upon knowledge resulting from a vast amount of testing and observation, and it is possible to produce headlamps to give any required distribution of light. There have been no new developments along this line during the past year.

The advent of the depressible beam has, however, called for consideration and during the past year the specifications for tests have been revised so as to include the depressed as well as the main beam. The new specifications required a complete re-design of the testing apparatus. The new tests are much more extensive than those previously applied and furnish much more detailed information regarding the characteristics of the beams than did the old.

A large number of headlights and headlight accessories were examined during the year. These were submitted by inventors and, with one exception,

were unsatisfactory, due to lack of knowledge of the requirements of the specifications and of the optical laws involved.

A number of reflecting signals were observed under practical conditions to determine whether or not they would prove acceptable as substitute for lamps on slow-moving vehicles as provides for in the Act requiring all vehicles to display lights or approved signals at night.

Engineering Materials Laboratory

This section has been very busy throughout the entire year, so busy in fact, that little special research work has been possible, and, therefore, no new major investigations have been undertaken. However, investigations previously started have been continued.

Inspection

The new Toronto-Gatineau transmission line and the related structures have required an unusual amount of structural inspection. Some 16,000,000 pounds of steel were inspected, and since the average weight of the individual pieces making up the structures was small, the number that had to be examined and handled was close to 250,000, a large undertaking in itself.

Concrete Research

The experimental work on the study of the economics of concrete mixtures has been completed, and the results compiled. It now remains to study these results in various ways, and to prepare a final report on the investigation. This will be done during the coming year.

The study of the durability of concrete is being actively continued. During the past year some fifty typical concrete structures have been examined. About one-half of these belonged to other organizations as it was felt desirable to confirm the observations on the Commission's own structures by parallel observations on those built by others, and to compare experiences. The concrete structures examined included power houses, dams, canals, docks, breakwaters, and roads of various ages up to thirty years, some in good condition, and some not. Much has been learned concerning the weathering of concrete in service, and it is felt that the information thus gained will be valuable in the construction and maintenance of the concrete structures of the Commission.

These field surveys have been supplemented in certain cases by laboratory investigations of particular phenomena, and this work has devolved largely on the Chemical Laboratory. Information has been obtained regarding the character and cause of the deposits that are found occasionally on concrete surfaces. The changes that occur in both the concrete and water when the latter seeps through concrete are being studied. Another problem under investigation is the possibility of chemical corrosion and deterioration taking place where certain natural soft waters are in contact with concrete, such as commonly occurs in parts of Ontario. Information on each of these points will be of distinct value in the preservation and maintenance of concrete works.

Waterproofing Materials

A related problem also being investigated by the Chemical Laboratory is the usefulness of the so-called preservative waterproofing treatments for the surfaces of stone, brick, and concrete. Sixteen different materials representative of all the principal types have been under test for nearly a year, and while it is too soon to draw conclusions as to the value of this method of preserving brick, stone or concrete, it is evident that at least several of the materials tested are of practically negligible value for this purpose.

Quality of Queenston Concrete

During the year tests were made on some of the concrete placed in the power house at Queenston in 1922. The results were most gratifying and indicate very satisfactory concrete in this structure. Concrete which when placed had an average strength of 1,500 lbs. per square inch at 28 days was found to have a compressive strength of 3,300 lbs. per square inch, and concrete which when placed had an average strength of 2,500 lbs. per square inch at 28 days was found to have a compressive strength of 6,160 lbs. per square inch, after six years of service.

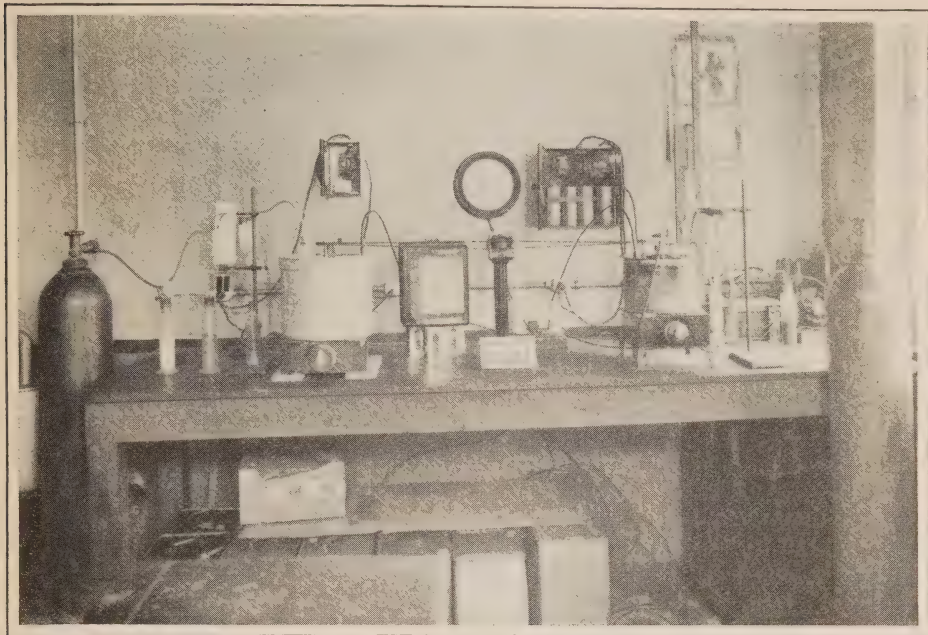
Chemical Laboratory

Reference has been made under "Engineering Materials Laboratory" to work done by the Chemical Laboratory. Besides these investigations and the usual routine work, this Laboratory has been carrying on some very interesting studies of insulating oils and paints.

Insulating Oils

Last year mention was made of a contemplated investigation on insulating oil, to be made in co-operation with the American Society for Testing Materials. Part of the proposed tests have been completed during the past year, and some interesting results have been obtained. In previous investigations of insulating oils, the sludging of oils brought about by the continued application of heat, as would occur in the operation of a transformer, have been studied. In the tests now in hand the combined effect of heat and electric stress is being investigated. The tests appear to indicate that electric stress has considerable influence on the formation of sludge in certain types of oils, and that there may be a relationship between the acidity of an oil and its tendency to sludge, and between the acidity and the type of sludge formed. It is doubtful if it will ever be possible to obtain an oil that will not sludge under certain conditions of service, but from the results of the tests completed it seems probable that methods can be developed whereby those oils that form the most objectionable types of sludge can be avoided.

As part of the same general study of insulating oils, investigations have been made of the possible deleterious effect on the oils, of various substances used in the manufacture of transformers. It has been found that some of these substances will promote the sludging of an oil, and it has been possible by co-operating with the transformer manufacturers to eliminate the worst of these materials.



CHEMICAL LABORATORY

Equipment for making life tests on insulating oils

Paint

The laboratory examination of paint and paint materials has been continued, and during the past year particular attention has been given to the behaviour of paints under different service conditions. Selected structures have been painted with different paints, and the performance of these paints compared with the results obtained in the exposure tests made at the laboratory. The results of these field tests are largely confirming previous laboratory tests, and give increased confidence in the accuracy of the latter.

Photographic Branch

The work of this section has continued along the same general lines as in the past, which includes miscellaneous photographic work, such as finishing of exposures sent in by different Departments, making copies of slides, and enlargements. Progress photographs have been taken periodically during the erection of the Leaside station and of the 220,000-volt line from the Ottawa river to Toronto.

Several trips were also made by the photographers to cover the rural applications of power and rural methods of distribution.

The equipment of the section has been enlarged by the addition of a continuous blueprinting machine of sufficient capacity to take care of all of the work of the Commission, and this blueprinting work is now being done by this section.

Approvals Laboratory

With the issue of the Canadian Electrical Code in October, 1927, and its subsequent adoption as standard in the provinces of Quebec, British Columbia, Nova Scotia and Saskatchewan, as well as in Ontario, the field of acceptance of the reports and listings of the Approvals Laboratory has been somewhat extended. To quote from the Code—

“Section I—Definitions of Special Terms:

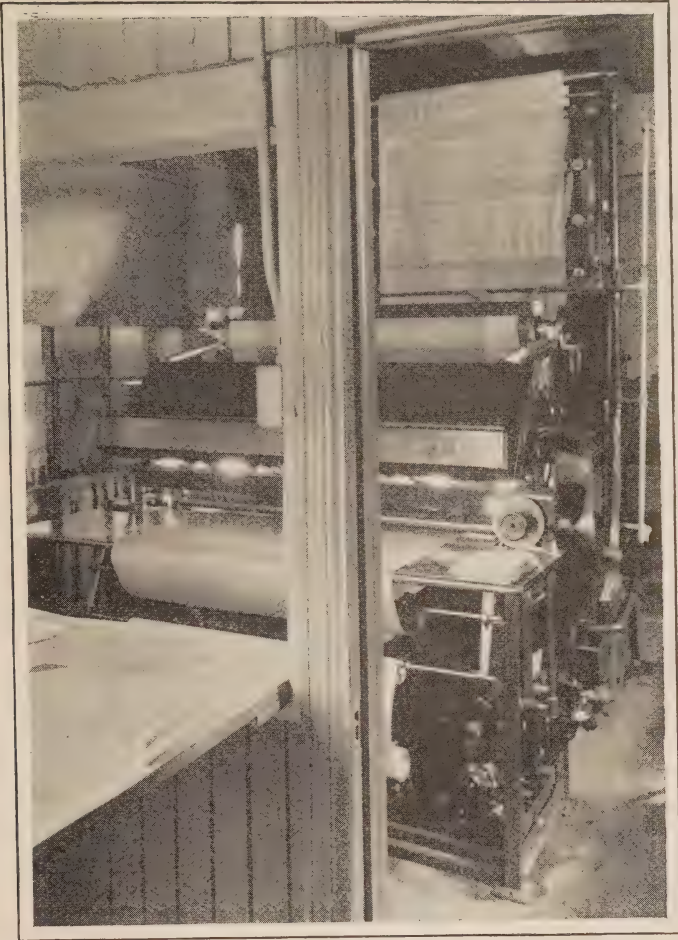
“Approved: When used with reference to any particular electrical equipment, means that such equipment has been submitted for examination and test to Underwriters’ Laboratories of Chicago, or the Laboratory of the Hydro-Electric Power Commission of Ontario, or a recognized Canadian government laboratory, and that a formal written report thereon has been obtained, to the effect that such equipment is suitable for sale and use. When used with reference to any type of wiring, form of construction or method of installation, it means that it is acceptable to the Inspection Department, and that written notification to that effect has been given.” Thus, wherever this Code is adopted, the inspection department enforcing the Code naturally becomes an ally of the laboratory staff in its efforts to promote the design and construction of electrical equipment which shall be safe to use throughout the country. Moreover the service of the laboratory is thus being extended to manufacturers in other provinces who have not previously subscribed to any approval service. This accounts to some extent for the increased activities of the laboratory as shown in the following statistics of the year’s operations.

The increase in the number of applications for approval test and report is approximately the same as for the preceding annual period, about sixteen per cent, a total of 316, having been received for the eleven months ending September 30, 1928. Of these applications, 29 per cent referred to heating appliances, 24 per cent to motor-operated appliances, 19 per cent to lighting devices, 8 per cent to radio appliances, 10 per cent to wiring devices and 10 per cent to switches and miscellaneous fittings. Applications for special report or temporary approval to the number of 35 were received while the number of applications for listing of equipment approved by Underwriters’ Laboratories increased from 110 to 150 for the eleven months period or an increase of about 50 per cent for the yearly period.

Approval reports completed to September 30 numbered 164 and 213 white card summaries were printed. Listings on green cards to the number of 172 were issued. The card record at the above date showed 791 white and 971 green cards.

Approval specifications for fractional horsepower motors and for pipe straps were issued by the Commission, and drafts prepared and considered by a committee on portable cooking appliances and on flexible tubing fasteners. Preliminary work has also been done on a specification for radio power-operated appliances. The specification for panelboards is in process of revision and preliminary work has commenced on revision of a number of others.

A revised edition of the Rules and Regulations respecting electrical equipment was issued under date of January, 1928. A number of changes appear in the wording of the definitions and rules, although the sense is not materially altered. An additional group “0” (\$15.00) has been added to the schedule of approval fees and the schedule now provides generally for smaller fees than



PHOTOGRAPHIC LABORATORY

Continuous blue printing machine recently installed

appeared in the preceding schedule. Label service has been extended to enclosed branch-circuit cutouts and a sliding scale of prices of labels for electric signs has been adopted. Schedules for limited label service for electric signs and for temporary approval appear in this edition for the first time.

With such a steady growth in the work submitted to the laboratory as that noted in this and preceding reports it has been evident for sometime that additional space and equipment would be required. Plans are now under way for an increase of approximately 50 per cent in space and in testing equipment. During the year two more engineers and two extra clerks have been added to the staff. Two inspectors are now employed on label service and re-examination work. They are also required to follow up reports of sales of standard devices. It has been necessary to lay police court information for breach of the approval regulations in only three cases during the period covered by this report. A conviction was registered in each case. Many similar situations have been adjusted by a warning to the offending party.

ELECTRICAL INSPECTION DEPARTMENT

ANNUAL REPORT, 1928

Except as to volume of business, the work of the Electrical Inspection Department varies little from year to year.

The building industry has been exceptionally active for the past twelve months, particularly in the larger centres of the Province, where the erection of many large office buildings, hotels, industrial plants, apartment houses, residences, garages, service stations, warehouses, grain elevators, pulp and paper mills, and many other buildings, represents a much larger building construction programme, with consequent increase of electrical installation work, which in value far exceeds that of previous years.

The work in the rural districts is steadily increasing. Many electrical installations on farms and in villages are completed and approved and are ready for service connections before the building of the secondary distribution systems are started. In this way there is no delay in supplying service, as each installation is connected as the construction work proceeds. Additional comforts and conveniences are continually being added to those already enjoyed and made possible by the extension of power lines in the rural districts.

Amongst the latest conveniences which are rapidly being taken advantage of in the rural districts are fuel burners (oil and coal) and electric refrigeration. The Commission records show that within the past year a surprisingly large number of fuel burners and refrigerators have been installed in all parts of the Province, more particularly refrigerators. Several of the large ice cream manufacturers supply their customers with refrigerators for the purpose of keeping their ice cream at an even temperature at all times. These refrigerators are owned and maintained by the ice cream manufacturers and are supplied to their customers on a small yearly rental basis. During the past year one ice cream manufacturer has supplied and installed over 400 of these refrigerators in all parts of the Province where electric service is available.

Public Buildings

Considerable attention has been given, by this Department, to the condition of the electrical wiring and apparatus used and installed in public buildings.

Mention was made, last year, of a general inspection which was made of theatres and places of amusement, after which all substandard features were removed. Commencing in the early spring of this year, a general inspection was made of all churches in the Province. In a great number of instances it was found that, through wear and tear, and alterations and additions which had been made by unqualified persons, the electrical wiring and equipment was in need of a thorough overhauling. Up to the present time the Department has been successful in having over 80 per cent. of these condemned installations brought up to a reasonable standard and in having all life and fire hazard entirely eliminated. In many cases these buildings have been completely re-wired.

The Canadian Electrical Code, Part 1, which was published by the Canadian Engineering Standards Association in 1927, was adopted by the Hydro-Electric Power Commission as the eighth edition of its rules and regulations and became effective on May 1 of this year. The Canadian Electrical Code supersedes the Rules and Regulations of the Hydro-Electric Power Commission, which, for many years, governed electrical installation work in the Province of Ontario.

The Canadian Electrical Code has also been adopted by the Provinces of British Columbia, Saskatchewan, Quebec and Nova Scotia, and it is expected that several other Provinces will follow suit in 1929, or as soon as legislation can be enacted. When this has been done, there will be one standard code of rules and regulations governing electrical installations throughout the Dominion of Canada.

A summary of the year's operations, as compared with previous fiscal periods, is shown below:—

| Year | Permits issued | Inspections made | Approximate cost of re-wiring |
|-----------|----------------|------------------|-------------------------------|
| 1920..... | 87,399 | 160,990 | \$557,033 |
| 1921..... | 84,352 | 160,873 | 584,150 |
| 1922..... | 91,932 | 182,522 | 340,000 |
| 1923..... | 90,000 | 180,000 | 320,000 |
| 1924..... | 90,497 | 176,108 | 480,000 |
| 1925..... | 98,419 | 173,418 | 280,000 |
| 1926..... | 92,725 | 174,979 | 250,000 |
| 1927..... | 89,425 | 169,098 | 412,000 |
| 1928..... | | | 555,000 |

During the year the Department was obliged to prosecute thirty-four companies or persons for various violations of the Rules and Regulations. Thirty-two convictions were registered and fines ranging from \$10.00 to \$50.00 were imposed. One offender received a sentence of ten days in jail.

Fires and Accidents

Four fires were reported to have been caused by defective electrical equipment.

Two persons were electrocuted and a third died from burns from clothing which became ignited from a flash caused by a short circuit.

SECTION VIII

ELECTRIC RAILWAYS

ESSEX DISTRICT RAILWAYS

Way and Structures

In addition to the regular maintenance work required on the railway system, extensions were constructed in Ford City, Windsor and Sandwich, and reconstruction work was performed on Elm avenue and Sandwich street in Windsor, and on London street in Windsor and Sandwich.

In Ford City, the Seminole route was extended easterly along Tecumseh road from the terminal at George street to Norman road. This extension, which is single-track, is approximately 3,000 feet in length and construction is of the open type. Two passing sidings were also constructed on this route to provide accommodation for the increased service necessary.

In Windsor and Sandwich, the construction of the College avenue extension, which was deferred from last year, was proceeded with and will be completed by December 1st. This extension leaves the existing Wellington street line at College avenue and runs westerly for a distance of 2,600 feet in Windsor, and a further distance of 7,600 feet in Sandwich, via College avenue, Lena street and Matchette road to Prince road. That portion of the extension in Windsor is double-track permanent construction, and the portion in Sandwich is single-track open construction with passing siding. The construction of this extension involved the crossing at grade of the Michigan Central railway spur near Wellington avenue, and the overcrossing of the Michigan Central railway main line to the Windsor tunnel, the grade crossing necessitating the installation of an interlocking plant, and the main line crossing being effected by means of the bridge constructed in 1927 jointly by the city of Windsor and the Commission.

In Windsor, the single-track on Elm avenue and on Sandwich street, between Elm avenue and the Canadian Pacific railway bridge, was reconstructed and a wye installed at the intersection of these two streets. The construction on Elm avenue is of the permanent type with concrete pavement, and on Sandwich street consists of 80-pound rail with wooden ties on stone ballast and macadam pavement.

On London street in Windsor and Sandwich, the double-track was reconstructed for a distance of approximately 3,000 feet from a point near the Huron line road easterly. This track is now of the permanent paved type of construction, in place of the former type consisting of wooden ties on stone ballast, with macadam pavement.



ESSEX DISTRICT RAILWAYS

- a. London Street, Sandwich, east from Patricia Avenue
- b. College Avenue, Windsor, east from Campbell Avenue
- c. College Avenue, Windsor, east from Lena Street

Block signals of the Nachod type have been installed on the Tecumseh division throughout, and the installation of this type of signal on the Amherstburg division is nearing completion. These installations will permit the inauguration of faster service with the maximum of safety.

Tubular steel poles for street lighting and railway overhead construction were erected on Sandwich street in Sandwich, and arrangements made whereby the cost was borne jointly by the municipality and the railway.

The extension of the Parent avenue line on Tecumseh road from Windsor city limits to Walker road has been authorized, and it is expected that the work will be completed and cars in operation by the latter part of December. The total track mileage, including passing tracks, at the close of the year 1928, will be 62.

Equipment

One of the older types of single-truck cars was rebuilt and equipped for a rail grinding car to take care of rail corrugation on the various divisions. It is proving very satisfactory. An overhead line repair car has also been purchased and should be in operation at an early date.

Operation

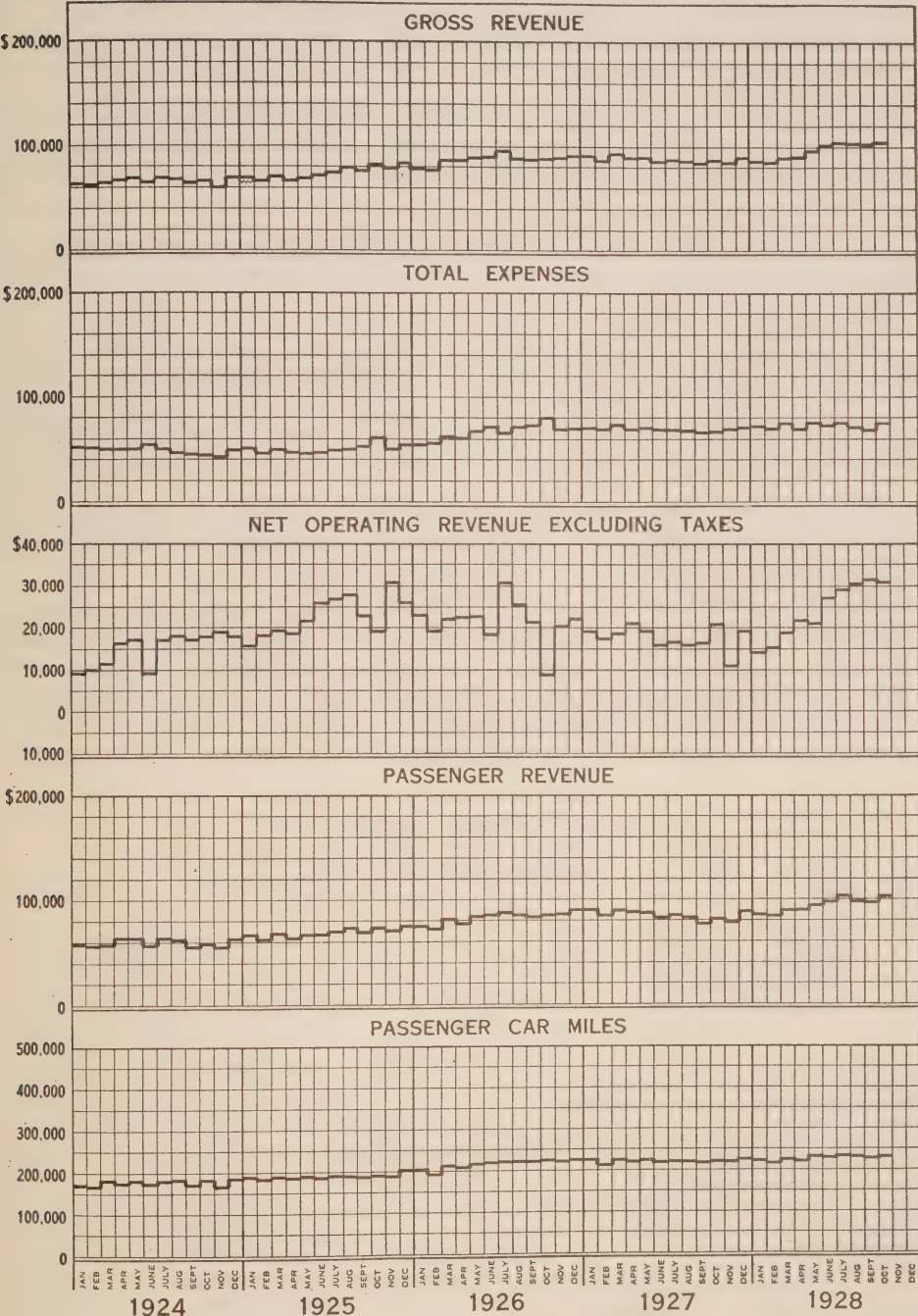
While the gross revenue for the year 1928 amounted to \$1,158,710, as compared with \$1,069,631 for 1927, an increase of \$89,079, the net results show an increase from the estimates as shown in the budget for 1928.

The net operating revenue for the year 1928 was \$274,377, as compared with a net in 1927 of \$229,574, being an increase of \$44,803. The interest and taxes for the year 1928 amounted to \$260,272, as compared with \$249,554 for the year 1927, an increase in fixed charges of \$10,728.

On April 16, 1928, an increase in fares was inaugurated on the city car lines in Windsor, the cash fare was increased from 6 cents to 7 cents, and four tickets for 25 cents were sold in place of ten for 50 cents. Night fares were reduced to 10 cents cash. On interurban lines, an increase of 1 cent was made. For the seven months beginning April 1, the increased fare was estimated to produce a passenger revenue of \$696,021; the actual results for the seven months ending October 31, 1928, resulted in a passenger revenue of \$689,394. This compares with \$580,917 for the last seven months of 1927, an increase of \$108,477. Revenue passengers carried for the last seven months of 1928 were 771,173 in excess of the same period in 1927. This would indicate an increase of \$140,315. That this increase has not resulted, is due to the fact that of the increase in passengers carried, 200,000 were bus passengers whose rate has not changed, and on city car lines where the passengers increased 375,000, full advantage of the increase has not resulted because a large percentage of the former cash passengers now buy tickets. Previous to the increase in rates, about 50 per cent of the city passengers paid cash fares. Since the fare increase cash fare passengers have dropped to 30 per cent.

During the year 1928, industrial conditions in the Border Cities improved to a remarkable extent, the number of employees increasing over the number for 1927 and even 1926, which was the previous peak year. The automotive industry has been particularly active and further improvement is expected as a result of extensions now under way.

ESSEX DISTRICT RAILWAYS—OPERATING STATISTICS



The net result of the year's operations shows a surplus of \$14,095, after paying interest and taxes, as compared with a deficit of \$19,980 in 1927.

During the year, additional bus service was operated to take care of outlying districts and resulted in an increase in bus passengers carried of 300,000. The gross revenue for bus operation for the year was \$137,059, and cost of operation \$152,441, leaving a deficit of \$15,382.

Considerable reduction of bus service will be made very shortly as a result of the completion of the College avenue line, and the rehabilitation of the Windsor, Essex and Lake Shore railway, which will reduce operating expenses considerably.

The results for the year 1928 show an increase in passenger revenue over 1927 of \$96,346, but a decrease in freight revenue of \$4,788 for the year. Gross revenue increased \$89,080.

The outlook for the coming year is very favorable. The construction of the Ambassador bridge between Sandwich and Detroit is proceeding rapidly, and it is expected the bridge will be opened July 1, 1929. Work on the tunnel is well under way. The Chrysler Corporation have let the contract for a large addition to their Walkerville plant, to which an extension of the railway will be made.

The financial statements respecting the railway are given in section IX of this report (consult general index). The attached chart will give a fair indication of the growth of the railway for the past five years.

The mileage run by the various types of cars and buses during the year is as follows: single-truck, hand-brake, two-man cars 573 car-miles; trailers 334 car miles; double-truck, air-brake, two-man cars 208,334 car-miles; interurban cars 507,767 car-miles; single-truck, safety cars 580,831 car-miles; double-truck, safety cars 1,235,355 car-miles; express cars 28,152 car-miles; buses 544,432 bus-miles; service cars 11,860 car-miles; total 3,117,538 car- and bus-miles.

ESSEX DISTRICT RAILWAYS

Operating Statistics, 1928

Route-miles:

| | |
|-----------------------------|-------|
| City trolley..... | 21.15 |
| City bus..... | 19.95 |
| Amherstburg interurban..... | 13.54 |
| Tecumseh interurban..... | 6.10 |

| | |
|------------------------|-------|
| Total route-miles..... | 60.74 |
|------------------------|-------|

| | |
|--|------------|
| Passenger and freight car-miles operated..... | 3,105,778 |
| Passenger and freight car-hours operated..... | 354,599 |
| Passengers carried..... | 19,648,470 |
| Percentage of transfer passengers to revenue passengers..... | 14.06 |
| Passenger cars operated..... | 76 |
| Passenger buses operated..... | 14 |
| Passengers carried per route-mile..... | 323,484 |
| Passengers carried per car-mile..... | 6.38 |
| Passengers carried per car-hour..... | 56.33 |
| Average mileage per car operated..... | 40,209 |
| Average mileage per bus operated..... | 38,888 |
| Average passengers per car operated..... | 284,796 |
| Average passengers per bus operated..... | 121,879 |
| Freight tonnage carried..... | 19,183 |

GUELPH DISTRICT RAILWAYS

Way, Structures and Equipment

No capital construction was carried out during the year. The track work and the equipment were well maintained. Major repairs were executed on Neeve street for its entire length, approximately 900 feet, rails being taken up, the ends cut, redrilled and relaid and worn out rails replaced. The bus operating on Eramosa Hill route was completely overhauled.

Operation

The operating revenue for the Guelph District Railways for 1928 was \$91,242, as compared with \$91,807 in 1927. The total operating expenses for the year 1928 were \$75,902, as compared with \$76,742 in 1927. Taxes for the year 1928 were \$2,699, the same as in 1927. The net operating revenue for the year 1928 amounted to \$15,340, as compared with \$15,065 in 1927. The interest and debenture payments were \$26,434, as compared with \$26,594 in 1927. The renewal set aside in the year 1928 was \$10,275, as compared with \$9,760 in 1927. The deficit for the year 1928 amounted to \$24,068, as compared with \$23,980 in 1927.

Included in the above deficit is \$6,685, which has been set aside each year for amortizing the original value of the railway line previous to the transfer of this line to the Hydro-Electric Power Commission; and also an interest charge of \$5,015; renewal account for the year of \$10,275 and \$2,000 for paving charges that were owing by the railway at the time the Commission took over the operation.

GUELPH DISTRICT RAILWAYS

Operating Statistics, 1928

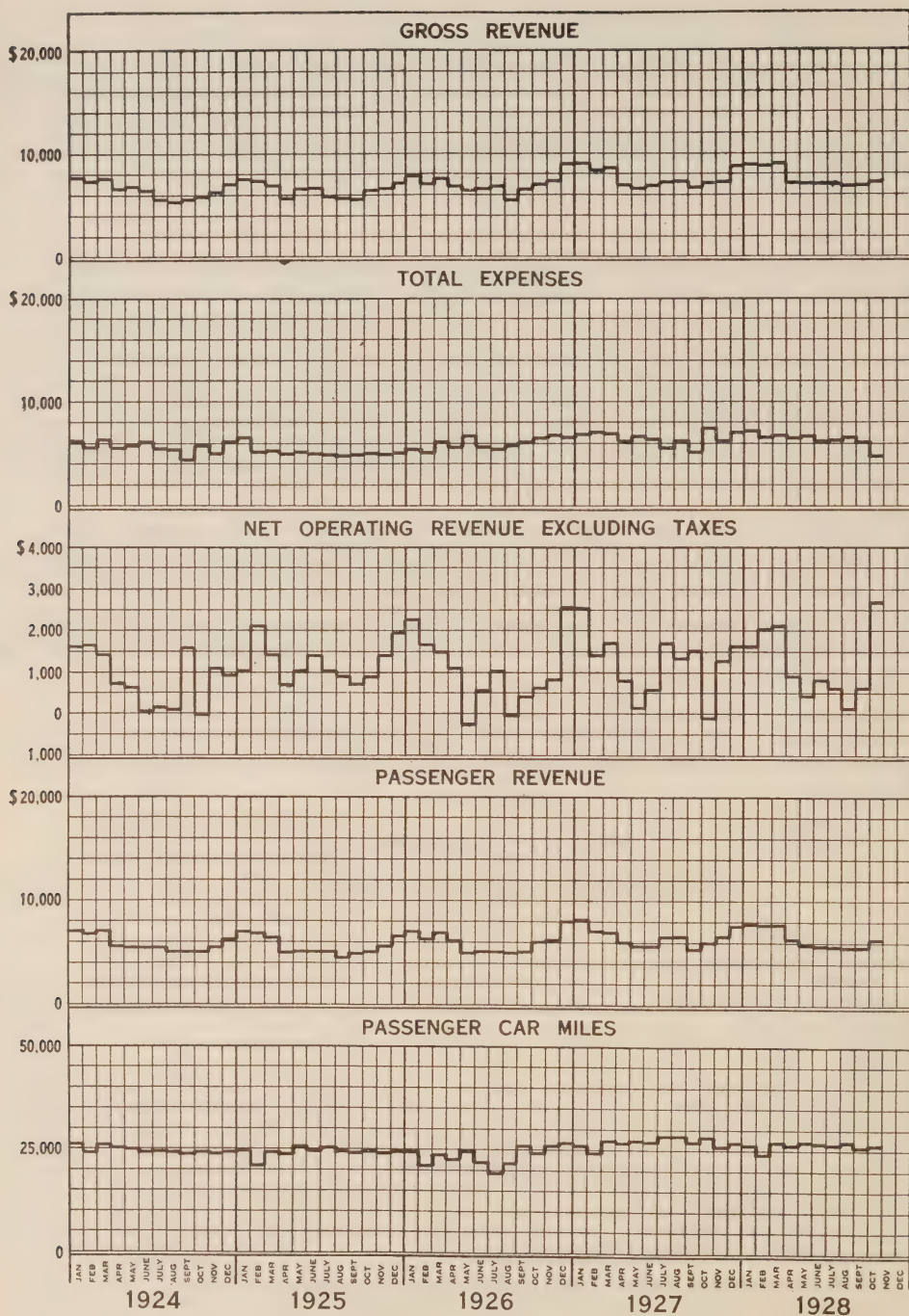
Route-miles:

| | |
|--|-----------|
| Trolley..... | 8.49 |
| Bus..... | 1.65 |
| Total route-miles..... | 10.14 |
| Track miles, trolley..... | 10.05 |
| Passenger cars operated..... | 8 |
| Bus operated..... | 1 |
| Passenger car-miles operated..... | 279,182 |
| Bus-miles operated..... | 39,796 |
| Passenger car-hours operated..... | 34,570 |
| Bus-hours operated..... | 6,240 |
| Revenue passengers carried..... | 1,463,862 |
| Transfer passengers carried..... | 283,960 |
| Free passengers carried..... | 5,004 |
| Total passengers carried..... | 1,752,826 |
| Percentage of transfer passengers to revenue passengers..... | 19.40 |
| Freight motors operated..... | 1 |
| Freight motor-miles operated..... | 9,549 |
| Freight motor-hours operated..... | 2,035 |
| Total passenger, freight and service car-miles operated..... | 328,860 |

Accidents fourteen, of which eleven were due to automobiles.

Accidents per 100,000 car-miles, 1927, 8.24; 1928, 4.25.

GUELPH DISTRICT RAILWAYS—OPERATING STATISTICS



SECTION IX

FINANCIAL STATEMENTS

EXPLANATORY STATEMENT RESPECTING THE ACCOUNTS

The Hydro-Electric Power Commission of Ontario believes that a satisfactory understanding of the manner in which the various operations of the Commission are conducted and financed will contribute greatly to the interest of those concerned either directly or indirectly with the work of the Commission.

The hydro-electrical undertaking of the municipalities, embracing all the operations from the provision of the power down to its final delivery to the ultimate consumer, involves two distinct phases. The providing of the power, either by generation or purchase, its transformation, transmission and delivery in wholesale quantities to the individual municipalities and to large industrial consumers, and the operation of rural power districts, are performed by the municipalities acting *collectively* in groups or "systems" through their agent and trustee, the Hydro-Electric Power Commission of Ontario. The financial statements relating to these collective activities of the municipalities are presented in this section of the Annual Report.

The local operations involved in the retail distribution of the electrical energy to consumers within the limits of the various municipalities are performed by the municipalities *individually*, through municipal utility commissions acting under the general supervision of the Hydro-Electric Power Commission. The financial statements relating to these individual activities of the municipalities, together with data respecting costs of service to consumers, and rates charged, are given in Section X of this report.

It will be of assistance in interpreting the financial tables herein presented if the reader has an understanding of the economic structure and of the general plan of administration of the undertaking. To this end the following brief comments are made.

The "Hydro" electrical undertaking of Ontario is an organization of a large number of partner municipalities, co-ordinated into groups or systems for securing common action with respect to power supplies, through the medium of the Hydro-Electric Power Commission which acts as their trustee. As such, the Commission generates or purchases—as the case may be—electrical energy which it transmits and delivers to the associated municipalities.

The rates at which power is supplied by the Commission to the various municipalities vary with the amounts of power used and the distances from the sources of supply. The entire capital cost of the various power developments

and transmission systems is pro-rated annually to the connected municipalities, according to the relative use made of the lines and equipment. Each municipality is required to assume responsibility for just that portion of capital employed in delivering electrical energy to it, together with such expenses as are incident to that particular portion of the investment. Municipalities are not charged with expenses connected with equipment or plant from which they derive no benefit or are in no way interested. The entire annual direct expenses such as operation, maintenance, interest and administration, together with reserves for sinking fund, depreciation, contingencies and obsolescence, are paid out of revenue collected from the municipal "Hydro" utilities through the medium of power bills rendered by the Commission. Power bills are rendered at an interim estimated rate each month during the year and credit or debit adjustment is made at the end of the year, when the Commission's books are closed and the actual cost determined.* There is no burden on the taxpayers or on non-users and no avenue through which losses, should they occur, could be absorbed, except by a direct charge to the contracting municipalities and thus to the actual consumers for service supplied.

The results obtained by the annual adjustments of the Commission's capital investment, operating expenses and fixed charges, as they affect individual municipalities are clearly shown in the tables for the respective systems.

The ultimate source of all revenue—whether for the larger operations of the Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. The revenue collected from consumers for the service supplied by the municipalities is divided so as to pay for the power provided by the Commission and also for the expense incurred by the local utility in supplying its customers.

The portion of the total revenue remitted to the Hydro-Electric Power Commission—and this remittance appears in the financial statements as the total "Cost of Power"—must be sufficient to pay the municipality's proportion of the expenditures made by the Commission on its behalf, in connection with the particular system to which it belongs, in order to provide for, and transmit to, the municipality the agreed-upon amount of power. Included in this remittance to the Commission for the cost of power are sums for sinking fund, renewals, obsolescence and contingencies. The first mentioned reserve is being provided for the purpose of liquidating the capital liabilities; the latter three are being created to provide funds for the renewal or rebuilding of any section of the various properties when found necessary, and to meet any contingency or obsolescence expense which from time to time may arise.

For the purpose of financial statement, the various systems are treated as separate units and for each of them similar statements and details are given. Many of the pages which follow, therefore, simply repeat for each system data similar to that which is presented for the first system dealt with in each division of the report, namely, the Niagara system. In order, therefore, to possess a ready grasp of all the figures presented in this and other similar reports of the Commission, all that is necessary is to have a true understanding of the financial procedure followed in connection with one system and with one municipal "Hydro" utility.

The accounts of the Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The

*The financial year for the Commission accounts ends on October 31. The financial year for the Municipal accounts, however, ends on December 31, and the Municipal accounts are made up to this date, and so recorded in Section X.

accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and are also duly audited. In preparing the various financial reports and statistical tables relating to all "Hydro" enterprises, the greatest care is exercised and all statements are presented in such form that they may be comprehensive and at the same time easily understood.

Tabular Data

The first tabular statement given in Section IX is a general balance sheet exhibiting the assets and liabilities of the undertakings relating to the properties constructed or otherwise acquired and being operated by the Commission as trustee for the municipalities of the various systems. This statement embraces all of the properties under the Commission's direct administration, except those of the Central Ontario and Trent and Nipissing systems which are owned by the Province of Ontario, and whose assets and liabilities are separately submitted on subsequent pages.

The general balance sheet is followed by groups of statements relating in turn to each system of the Commission. These statements, *for each System*, are similar in character and include:—

Operating Account for the year, showing, for the system as a whole, the various items of operating expense and fixed charges entering into the cost of power as defined by the Power Commission Act, and the revenues collected by the Commission from the partner municipalities and other consumers.

Cost of Power table, which shows the apportionment to each municipality or rural power district of the items of cost summarized in the Operating Account, as well as the apportionment of the capital costs listed in the balance sheet and the amount of power taken by each municipality. It should be appreciated that the cost of power given in this table is the *wholesale cost*,—that is, the cost which the Commission receives for the power delivered at the main transformer stations of the local utility or rural power district. The costs of power for the respective municipal electric utilities appear in Statement "B" of Section X as "Power purchased."*

Rural Operating statement, which gives similar information with respect to the *distribution* of power service within the rural power districts operated directly by the Commission.

Credit or Charge account which shows the adjustments made in order to bring the amounts paid by each municipal electric utility to the actual cost of service to that municipality. These credits and charges are taken up and given effect to in the municipal accounts of "Hydro" utilities before the operating records of each year are closed.

Reserve for Renewals which shows the provisions made for, the expenditures from, and the balances to the credit of, this fund.

Reserve for Obsolescence and Contingencies which gives similar information with respect to this reserve.

Sinking Fund statement which gives the total of the amounts paid by each municipality and rural power district as part of the cost of power together with its proportionate share of other sinking funds.

Sinking Fund Reserve which summarizes the provisions made with respect to this fund.

Section IX also contains operating accounts of the various electric railways operated by the Commission, financial statements respecting the Central Ontario and Trent and Nipissing systems, to which there is a special introduction; and a summary of the "Appropriations, Advances and Capital Expenditures" made during the year.

All municipal "Hydro" utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming, and transmission systems, the municipalities are taking similar action with respect to their local "Hydro" utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts," refer to the operation of the municipalities' properties within the boundaries of those municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

To illustrate further the foregoing explanatory comments, there is given on the next two pages a statement illustrating the financial operations of a typical Ontario municipal electrical utility, viz., that of the city of St. Thomas.

ST. THOMAS HYDRO UTILITY

OPERATING STATEMENT FOR THE YEAR 1928

REVENUE

Revenue from St. Thomas Hydro customers for year.....\$207,804.52

EXPENSES

Representative illustration of expenses incurred by the Hydro-Electric Power Commission on behalf of a municipality in connection with the supplying of its electrical energy. These data really show—as determined by annual adjustment—what it costs the Commission to supply the municipality with its power. See "Cost of Power" statement, page 136, for the city of St. Thomas, as follows:

| | |
|--|-------------|
| Cost (proportionate share) of operation and maintenance expense of Niagara generating plants, transformer stations and transmission lines together with administrative expenses..... | \$36,477.64 |
| Interest on St. Thomas' proportionate share of capital investment in generating plants, transformer stations and transmission lines..... | 56,322.51 |
| Sinking Fund (proportionate share) provided in respect of generating plants, transformer stations and transmission lines..... | 12,022.17 |

| | |
|--|---------------------|
| Renewal reserve (proportionate share) provided in respect of generating plants, transformer stations and transmission lines..... | 7,181.68 |
| Obsolescence and contingency reserve (proportionate share) provided in respect of generating plants, transformer stations and transmission lines—a reserve created to meet any unforeseen contingency or obsolescence expense..... | 20,145.94 |
| | <u>\$132,149.94</u> |

Expenses incurred by a municipality through its utility commission in connection with the sale of electrical energy to consumers. Consult the section dealing with the Municipal Accounts:

| | |
|---|--------------------|
| Operation, maintenance and administrative expenses... | \$41,895.87 |
| Interest and fixed charges on debenture debt..... | 7,025.00 |
| Depreciation charge..... | 11,391.00 |
| | <u>\$60,311.87</u> |

Total expenses charged against revenue from customers of the
St. Thomas system.....\$192,461.81

Net surplus for the year..... \$15,342.71

The municipality of St. Thomas situated in the western section of the Niagara system, one hundred and thirty-three miles distant from the source of power, Niagara Falls, Ontario, was connected to the system in April, 1911. This Hydro utility complied with every monetary obligation imposed upon it by the Power Commission Act. With the close of the seventeenth year of operation, this utility's total assets are \$645,038.21; liabilities, \$60,936.39, and reserves and surplus \$584,101.82, as shown in the municipalities' balance sheets, in Section X, Statement "A".

By reference to this municipality's balance sheet, it will be noted that the St. Thomas Hydro utility has created a sinking fund equity amounting to \$144,329.22 in the Hydro-Electric Power Commission System.

By reference to Statement "D" in Section X of this report it will be seen that under the low rate schedules prevailing throughout the Province, the rates in force in St. Thomas have resulted in *average costs** to the various classes of service as follows: Domestic service (with an average monthly consumption per consumer of 105 kilowatt-hours) 1.6 cents per kilowatt-hour; commercial service 1.9 cents per kilowatt-hour; power service \$18.31 per horsepower per year. The actual *rates in force* are presented in Statement "E" and particulars of street lighting service are given in Statement "C".

*If proper differentiation be made by those undertaking research, between the very different entities of *rates* on the one hand and the derived quantities of *average costs or revenues* on the other, a great deal of confusion and misrepresentation will be avoided. Consult introduction to Statement "D" of Section X.

HYDRO-ELECTRIC POWER**Detailed Statement of Assets****POWER**

| Niagara System: | | ASSETS | |
|---|----------------|-------------------------|-------------------------|
| Generating plants: | | | |
| Queenston-Chippawa development..... | | \$75,769,939.51 | |
| Ontario Power development, including water rights.. | | 22,072,402.15 | |
| Toronto Power development, including water rights.. | | 12,036,648.02 | |
| Transmission lines: | | | |
| Right-of-way..... | | 7,168,305.27 | |
| Steel-tower and wood-pole lines..... | | 17,916,324.42 | |
| Transformer stations..... | | 23,854,042.48 | |
| | | <u>\$158,817,661.85</u> | |
| Distribution lines: | | | |
| Rural power districts..... | \$3,129,989.58 | | |
| Rural lines..... | 46,372.18 | | |
| | | <u>3,176,361.76</u> | |
| | | | <u>\$161,994,023.61</u> |
| Thunder Bay System: | | | |
| Nipigon generating plants..... | | \$11,815,186.47 | |
| Transmission lines..... | | 1,706,542.16 | |
| Transformer stations..... | | 811,208.60 | |
| | | <u>14,332,937.23</u> | |
| Georgian Bay System: | | | |
| Generating plants: | | | |
| Big Chute development..... | | 668,542.90 | |
| Eugenia Falls development..... | | 1,154,877.48 | |
| Wasdell development..... | | 146,491.86 | |
| Muskoka developments..... | | 847,724.45 | |
| Transmission lines..... | | 1,951,820.36 | |
| Transformer stations..... | | 594,675.61 | |
| | | <u>\$5,364,132.66</u> | |
| Distribution lines: | | | |
| Rural power districts..... | \$179,399.93 | | |
| Rural lines..... | 2,807.43 | | |
| | | <u>182,207.36</u> | |
| | | | <u>5,546,340.02</u> |
| St. Lawrence System: | | | |
| Surveys and engineering re power sites on St. Lawrence river..... | | \$734,873.31 | |
| Transmission lines..... | | 550,707.26 | |
| Transformer stations..... | | 492,670.59 | |
| | | <u>\$1,778,251.16</u> | |
| Rural power districts..... | | 73,914.77 | |
| | | <u>1,852,165.93</u> | |
| Ottawa System: | | | |
| Surveys and engineering re power sites on Ottawa river.. | | \$111,849.26 | |
| Transmission lines..... | | 9,645.08 | |
| Transformers and meters..... | | 4,026.32 | |
| | | <u>\$125,520.66</u> | |
| Rural power district..... | | 75,810.87 | |
| | | <u>201,331.53</u> | |
| Rideau System: | | | |
| Generating plants..... | | \$858,642.18 | |
| Transmission lines..... | | 261,765.86 | |
| Transformer stations..... | | 68,613.42 | |
| | | <u>1,189,021.46</u> | |
| Carried forward..... | | | <u>\$185,115,819.78</u> |

COMMISSION OF ONTARIO

and Liabilities, October 31, 1928

UNDERTAKINGS

To Province of Ontario:

LIABILITIES

| | | |
|--|------------------|------------------|
| Cash advances for Niagara and other systems..... | \$145,030,680.86 | |
| Less: Repayment under provisions of Power Commission Acts, 1926 and 1927..... | 7,568,096.45 | |
| | | \$137,462,584.41 |
| Debentures issued by the Commission and guaranteed by the Province of Ontario: | | |
| Four per cent. debentures, due 1957, issued in purchase of Ontario Power Company of Niagara Falls..... | \$8,000,000.00 | |
| Interest accrued thereon..... | 80,000.00 | |
| | | \$8,080,000.00 |
| Six per cent. debentures, due 1941, issued for the purpose of retiring the 1921 issue of the Ontario Power Company of Niagara Falls..... | \$3,200,000.00 | |
| Interest accrued thereon..... | 67,856.16 | |
| | | 3,267,856.16 |
| Six per cent. debentures, due 1940, issued in purchase of the Toronto Power Company, Limited..... | \$413,200.00 | |
| Interest accrued thereon..... | 10,330.00 | |
| | | 423,530.00 |
| Six per cent. debentures, due 1940, issued in purchase of certain electrical power equipment of the Toronto and York Radial Railway..... | \$205,800.00 | |
| Interest accrued thereon..... | 5,145.00 | |
| | | 210,945.00 |
| Five per cent. debentures, due 1939, issued for the purpose of retiring the 1924 issue of the Toronto Power Company, Limited..... | \$4,000,000.00 | |
| Interest accrued thereon..... | 75,000.00 | |
| | | 4,075,000.00 |
| Four per cent. debentures, due 1958, issued in purchase of distribution lines of Essex County..... | \$200,000.00 | |
| Interest accrued thereon..... | 3,333.34 | |
| | | 203,333.34 |
| Four per cent. debentures, due 1958, issued in purchase of distribution lines in vicinity of Thorold..... | \$100,000.00 | |
| Interest accrued thereon..... | 1,666.67 | |
| | | 101,666.67 |
| | | 16,362,331.17 |
| Bonds and debentures stock assumed by the Commission and guaranteed by the Province of Ontario: | | |
| First mortgage 5% gold bonds, due 1943, of the Ontario Power Company of Niagara Falls: | | |
| Amount assumed at date of purchase of Company by Commission, August 1, 1917..... | \$9,834,000.00 | |
| Less: Retired by the Commission.... | 1,468,000.00 | |
| | | \$8,366,000.00 |
| Interest accrued thereon..... | 104,575.00 | |
| | | \$8,470,575.00 |
| Carried forward..... | \$8,470,575.00 | \$153,824,915.58 |

HYDRO-ELECTRIC POWER

Detailed Statement of Assets

POWER UNDER-

ASSETS

| | | | |
|--|----------------|------------------|------------------|
| Brought forward..... | | \$185,115,819.78 | |
| Eastern Ontario System: | | | |
| Transmission lines..... | \$750,824.87 | | |
| Transformer stations..... | 144,411.77 | | |
| | | | 895,236.64 |
| Bonnechere River Storage System: | | | |
| Round Lake dam..... | \$23,072.93 | | |
| Golden Lake dam..... | 11,092.81 | | |
| | | | 34,165.74 |
| Service Buildings and Equipment: | | | |
| Service building and equipment, Toronto..... | \$481,515.13 | | |
| Equipment of storehouse and garage, Hamilton..... | 3,666.40 | | |
| Pole yard and equipment, Cobourg..... | 22,520.13 | | |
| | | | 507,701.66 |
| Office Buildings: | | | |
| On University avenue, Toronto..... | \$502,507.00 | | |
| On corner Elm street and Centre avenue, Toronto..... | 160,821.95 | | |
| | | | 663,328.95 |
| Office Furniture and Equipment: | | | |
| At Toronto office..... | \$70,808.25 | | |
| At Electrical Inspection offices..... | 7,195.44 | | |
| | | | 78,003.69 |
| Automobiles and trucks..... | | | 18,172.70 |
| Inventories: | | | |
| Construction and maintenance tools and equipment..... | \$607,647.73 | | |
| Construction material and sundry supplies..... | 452,181.97 | | |
| Maintenance material and supplies..... | 496,025.81 | | |
| Stationery and office supplies..... | 20,188.49 | | |
| | | | 1,576,044.00 |
| Sinking Funds: | | | |
| Employed to make repayments to the Province of Ontario under the terms of the Power Commission Act, 1926 and 1927..... | \$7,568,096.45 | | |
| Employed in retirement of bonds issued or assumed by the Commission and guaranteed by the Province..... | 4,423,444.91 | | |
| | | \$11,991,541.36 | |
| Invested in securities of the Province of Ontario, which stand: | | | |
| (a) Deposited with Provincial Treasurer—par value \$366,000.00..... | \$352,869.33 | | |
| (b) In the hands of the Commission—par value \$550,000.00..... | 546,386.73 | | |
| Interest accrued thereon..... | 11,954.18 | | |
| | | | 911,210.24 |
| Insurance Funds: | | | |
| (a) Invested in securities of the Dominion of Canada—par value \$650,000.00..... | \$661,574.70 | | |
| (b) Invested in securities of the Province of Ontario—par value \$28,000.00..... | 28,990.21 | | |
| Interest accrued thereon..... | 622.17 | | |
| | | | 691,187.08 |
| Staff Pension Funds: | | | |
| (a) Invested in guaranteed mortgage certificates of Canada Trust Company—par value \$200,000.00.... | \$200,000.00 | | |
| (b) Invested in securities of the Province of Ontario—par value \$1,195,000.00..... | 1,179,552.88 | | |
| Interest accrued thereon..... | 12,455.64 | | |
| | | | 1,392,008.52 |
| Carried forward..... | | | \$191,882,879.00 |

COMMISSION OF ONTARIO

and Liabilities—Continued

TAKINGS—Continued

| | | LIABILITIES | |
|--|-----------------------|----------------|-------------------------|
| Brought forward..... | | \$8,470,575.00 | \$153,824,915.58 |
| First mortgage 5% gold bonds, due 1945, of the Ontario Transmission Com- pany, Limited: | | | |
| Amount assumed at date of purchase of Company by Commission, August 1, 1917..... | \$1,772,000.00 | | |
| Less: Retired by the Commission.... | 351,000.00 | | |
| | <u>\$1,421,000.00</u> | | |
| Interest thereon payable November 1, 1928..... | 35,525.00 | | |
| | | 1,456,525.00 | |
| Guaranteed 4½% debenture stock, due 1941, of the Toronto Power Company, Limited: | | | |
| Amount assumed at date of purchase of Company by Commission, December 1, 1920..... | \$13,558,917.81 | | |
| Less: Retired by the Commission.... | 4,852,850.20 | | |
| | <u>\$8,706,067.61</u> | | |
| Interest thereon payable November 1, 1928..... | 195,517.35 | | |
| | | 8,901,584.96 | |
| First mortgage 5% gold bonds, due 1933, of the Electrical Development Company of Ontario, Limited: | | | |
| Amount assumed at date of purchase of Company by Commission, December 1, 1920..... | \$4,335,000.00 | | |
| Less: Retired by the Commission.... | 716,500.00 | | |
| | <u>\$3,618,500.00</u> | | |
| Interest accrued thereon..... | 30,154.17 | | |
| | | 3,648,654.17 | |
| Other debentures assumed: | | | 22,477,339.13 |
| In respect of purchase of lines at Streets- ville: | | | |
| Amount assumed at date of purchase. | \$6,000.00 | | |
| Less: Retired by the Commission.... | 3,556.28 | | |
| | <u>\$2,443.72</u> | | |
| Interest accrued thereon..... | 61.26 | | |
| | | \$2,504.98 | |
| In respect of purchase of original Muskoka Power Development: | | | |
| Amount assumed at date of purchase. | \$50,595.93 | | |
| Less: Retired by the Commission.... | 21,580.13 | | |
| | <u>\$29,015.80</u> | | |
| Interest accrued thereon..... | 1,085.24 | | |
| | | 30,101.04 | |
| In respect of purchase of sundry rural lines: | | | |
| Amount assumed at dates of purchase | \$46,001.03 | | |
| Less: Retired by the Commission.... | 8,054.58 | | |
| | <u>\$37,946.45</u> | | |
| Interest accrued thereon..... | 610.20 | | |
| | | 38,556.65 | |
| | | | 71,162.67 |
| Carried forward..... | | | <u>\$176,373,417.38</u> |

HYDRO-ELECTRIC POWER
Detailed Statement of Assets
POWER UNDER-

ASSETS

| | | | |
|--|----------------|------------------|--|
| Brought forward..... | | \$191,882,879.00 | |
| Reserve Funds: | | | |
| (a) Invested in securities of the Dominion of Canada— par value \$2,250,000.00..... | \$2,237,604.74 | | |
| (b) Invested in securities of the Province of Ontario— par value \$11,085,000.00..... (\$5,017,500.00 par value of these securities stand deposited temporarily with the Provincial Treasurer and \$30,500.00 par value stand deposited with Canada Trust Company.) | 11,037,687.14 | | |
| (c) Invested in securities of the Commission guaranteed by the Province of Ontario, par value \$2,929,205.00.. | 2,886,617.98 | | |
| Interest accrued thereon..... | 158,595.83 | | |
| | | 16,320,505.69 | |
| Cash: | | | |
| In banks..... | \$487,673.44 | | |
| In banks to pay bond interest due November 1, 1928, and interest coupons overdue but not presented..... | 273,517.85 | | |
| Sinking funds on deposit with trustees for bondholders... | 532.13 | | |
| In hands of employees as advances on account of expenses | 91,696.82 | | |
| | \$853,420.24 | | |
| Less: Funds of Hydro Radial railways shown elsewhere in this balance sheet..... | 40,320.27 | | |
| | | 813,099.97 | |
| Grants payable by the Province to the Commission in respect of certain rural power districts completed or in course of construction..... | \$15,171.08 | | |
| Less: Grants in the hands of the Commission to apply against certain rural power districts in course of construction or extension..... | 4,137.50 | | |
| | | 11,033.58 | |
| Accounts Receivable: | | | |
| Due by municipalities and sundry custom- ers in respect of construction work, supply sales, etc..... | \$264,820.10 | | |
| Less: Reserve for doubtful accounts..... | 3,100.56 | | |
| | | \$261,719.54 | |
| Due by municipalities and sundry cus- tomers in respect of power accounts.. | \$2,902,426.87 | | |
| Less: Reserve for doubtful accounts..... | 246,994.16 | | |
| | | 2,655,432.71 | |
| Sinking fund and interest accounts owing in respect of rural lines..... | 907.61 | | |
| Due by town of Renfrew for water used from Bonnechere Storage system for power purposes..... | 27,441.01 | | |
| Claim against Dominion Government in respect of income taxes paid for the thirteen months ending December 31, 1921—which should be recoverable..... | 72,334.46 | | |
| | | 3,017,835.33 | |
| Balances due by municipalities in respect of the costs of power supplied to them, as provided to be paid under the Power Commission Act: | | | |
| Niagara system..... | \$35,677.78 | | |
| Thunder Bay system..... | 1,237.71 | | |
| Georgian Bay system..... | 14,784.75 | | |
| St. Lawrence system..... | 16,358.68 | | |
| | | 68,058.92 | |
| Carried forward..... | | \$212,113,412.49 | |

COMMISSION OF ONTARIO

and Liabilities—Continued

TAKINGS—Continued

| | | LIABILITIES | |
|---|-----------------|------------------|------------------|
| Brought forward..... | | \$176,373,417.38 | |
| Outstanding share capital of the Electrical Development Company of Ontario, Limited..... | | 1,100.00 | |
| Accounts payable..... | | 467,096.86 | |
| Interest coupons due but not presented for payment..... | | 42,475.50 | |
| Central Ontario System: | | | |
| Current account..... | | 348,542.62 | |
| Insurance Department: | | | |
| Outstanding claims and awards..... | \$691,224.96 | | |
| Surplus..... | 41,478.56 | | |
| | | | 732,703.52 |
| Reserve for Staff Pensions..... | | | 1,423,542.89 |
| Balances due to municipalities in respect of amounts paid by them to October 31, 1928, in excess of the cost of power supplied to them as provided to be paid under the Power Commission Act: | | | |
| Niagara system..... | \$990,179.07 | | |
| Thunder Bay system..... | 1,643.41 | | |
| Georgian Bay system..... | 113,242.53 | | |
| St. Lawrence system..... | 8,522.84 | | |
| Rideau system..... | 12,585.76 | | |
| Ottawa system..... | 3,240.78 | | |
| | | | 1,129,414.39 |
| Reserves for Sinking Fund: | | | |
| Niagara system..... | \$11,974,361.22 | | |
| Niagara rural lines..... | 12,317.10 | | |
| Thunder Bay system..... | 266,775.76 | | |
| Georgian Bay system..... | 427,618.34 | | |
| Georgian Bay rural lines..... | 470.70 | | |
| St. Lawrence system..... | 88,404.13 | | |
| Ottawa system..... | 2,930.18 | | |
| Rideau system..... | 54,192.52 | | |
| Bonnechere storage system..... | 9,060.68 | | |
| | \$12,836,130.63 | | |
| Service buildings..... | 74,276.46 | | |
| Office buildings..... | 96,275.71 | | |
| | | | 13,006,682.80 |
| Reserves for Renewals: | | | |
| Niagara system..... | \$9,744,929.09 | | |
| Niagara rural lines..... | 2,595.58 | | |
| Thunder Bay system..... | 505,977.91 | | |
| Georgian Bay system..... | 770,972.25 | | |
| Georgian Bay rural lines..... | 175.09 | | |
| St. Lawrence system..... | 208,892.30 | | |
| Ottawa system..... | 9,232.13 | | |
| Rideau system..... | 118,322.80 | | |
| Bonnechere storage system..... | 4,180.88 | | |
| | \$11,365,278.03 | | |
| Service buildings..... | 244,818.55 | | |
| Office buildings..... | 83,767.19 | | |
| | | | 11,693,863.77 |
| Reserves for Obsolescence and Contingencies: | | | |
| Niagara system..... | \$7,254,217.62 | | |
| Niagara rural lines..... | 955.65 | | |
| Thunder Bay system..... | 181,251.96 | | |
| Georgian Bay system..... | 218,453.26 | | |
| Georgian Bay rural lines..... | 57.80 | | |
| St. Lawrence system..... | 82,208.43 | | |
| Ottawa system..... | 2,335.18 | | |
| Rideau system..... | 86,345.64 | | |
| Bonnechere storage system..... | 533.26 | | |
| | | | 7,826,358.80 |
| Balance at credit of interest account..... | | | 13,339.34 |
| Carried forward..... | | | \$213,058,537.87 |

HYDRO-ELECTRIC POWER
Detailed Statement of Assets
POWER UNDER-

| ASSETS | | |
|--|--------------|------------------|
| Brought forward..... | | \$212,113,412.49 |
| Work in Progress: | | |
| Expenditure on account of various systems chargeable upon completion to: | | |
| Capital construction..... | \$23,205.53 | |
| Operating and maintenance expenses..... | 7,454.19 | |
| | | 30,659.72 |
| Insurance unexpired..... | | 33,064.67 |
| Discount on debentures issued by the Commission, less amounts written off: | | |
| On debenture issue of \$3,200,000 maturing 1941..... | \$ 98,946.81 | |
| On debenture issue of \$4,000,000 maturing 1939..... | 68,364.00 | |
| | | 167,310.81 |
| Total, Power Undertakings..... | | \$212,344,447.69 |

RADIAL RAILWAY

| | | |
|---|----------------|--------------|
| Sandwich, Windsor and Amherstburg Railway: | | |
| Road and equipment..... | \$5,241,049.07 | |
| Materials and supplies..... | 98,658.37 | |
| Cash in banks: | | |
| In the general bank account of the | | |
| Commission at Toronto..... | \$27,541.87 | |
| In branch banks..... | 1,137.36 | |
| Accounts receivable..... | 13,348.45 | |
| | | 42,027.68 |
| Insurance and expenses prepaid..... | \$7,060.37 | |
| Valuation and other expenses re purchase of plant assets of the railway and re issue of bonds, less 90% written off..... | 1,779.54 | |
| | | 8,839.91 |
| Due by the eleven municipalities which are under contract with the Commission with respect to the operation of the railway, and which municipalities are, under the provisions of sections 9 and 10 of the Hydro-Electric Railway Act, liable to the Commission for the operating deficit of the railway..... | 5,884.96 | |
| | | 5,396,459.99 |

Carried forward..... \$217,740,907.68

COMMISSION OF ONTARIO

and Liabilities—Continued

TAKINGS—Continued

LIABILITIES

| | |
|--|------------------|
| Brought forward..... | \$213,058,537.87 |
| Contingent Liabilities: | |
| In respect of contracts entered into for power undertakings in course of construction..... | \$2,172,983.59 |

| | |
|--------------------------------|------------------|
| Total, Power Undertakings..... | \$213,058,537.87 |
|--------------------------------|------------------|

UNDERTAKINGS

In respect of the Sandwich, Windsor and
Amherstburg Railway:

Debentures issued by the Commission and
guaranteed by the Province of
Ontario:

| | |
|---|----------------|
| Four and one-half per cent. debentures, due 1960, issued in purchase of the railway..... | \$2,039,000.00 |
| Four and one-half per cent. debentures, due 1960, issued for the purpose of making extensions and better- ments..... | 61,000.00 |
| Six per cent. debentures, due 1961, issued for the purpose of making extensions and betterments..... | 900,000.00 |
| Five per cent. debentures, due 1943, issued for the purpose of making extensions and betterments..... | 966,205.00 |
| Five per cent. debentures, due 1945, issued for the purpose of making extensions and betterments..... | 750,000.00 |
| Five per cent. debentures, due 1945, issued for the purpose of making extensions and betterments..... | 100,000.00 |
| Five per cent. debentures, due 1946, issued for the purpose of making extensions and betterments..... | 350,000.00 |

(Note: Further bonds to the amount
of \$650,000 stood guaranteed by
the Province of Ontario as at
October 31, 1928, but such bonds
had not been executed or issued
by the Commission.)

| | | |
|--|----------------|------------------|
| | \$5,166,205.00 | |
| Interest accrued thereon..... | 52,438.13 | \$5,218,643.13 |
| Accounts payable and accrued charges..... | \$28,871.53 | |
| Provision for unredeemed tickets..... | 12,000.00 | |
| | | 40,871.53 |
| Premiums (less discount) on sale of debentures less portion written off..... | | 64,703.05 |
| Reserve for renewal of road and equipment..... | | 72,242.28 |
| Contingent Liabilities: | | |
| In respect of contracts entered into for railway undertakings in course of construction..... | \$38,590.18 | 5,396,459.99 |
| Carried forward..... | | \$218,454,997.86 |

HYDRO-ELECTRIC POWER

Detailed Statement of Assets

RADIAL RAILWAY

ASSETS

| | | | |
|--|----------------|------------------|------------------|
| Brought forward..... | | \$217,740,907.68 | |
| Guelph Radial Railway: | | | |
| Road and equipment..... | \$429,406.92 | | |
| Materials and supplies..... | 6,142.34 | | |
| Cash in banks: | | | |
| In the general bank account of the | | | |
| Commission at Toronto..... | \$12,778.40 | | |
| In bank at Guelph..... | 468.06 | | |
| Accounts receivable..... | 1,091.51 | | |
| | | 14,337.97 | |
| Insurance and expenses prepaid..... | \$1,297.91 | | |
| Valuation and other expenses re purchase of | | | |
| plant assets by the Commission, less | | | |
| 80% written off..... | 512.60 | | |
| | | 1,810.51 | |
| Due by the City of Guelph: | | | |
| Operating deficit for the year ending | | | |
| October 31, 1928, as per operating | | | |
| account..... | \$24,068.27 | | |
| Less: Instalments of principal and | | | |
| interest payable to the city of | | | |
| Guelph, May 1 and November 1, | | | |
| 1928, under the terms of the pur- | | | |
| chase agreement..... | 11,700.00 | | |
| | | 12,368.27 | |
| | | | 464,066.01 |
| Toronto and York Radial Railway: | | | |
| City of Toronto—debentures held as collateral security for | | | |
| the repayment of the Hydro Radial debentures issued | | | |
| in purchase of the Toronto and York Radial Railway | | | |
| —as per agreement covering the transfer (in January, | | | |
| 1927) of the railway to the city of Toronto..... | \$2,375,000.00 | | |
| City of Toronto—interest accrued on \$2,375,000 deben- | | | |
| tures issued by the Commission in purchase of the | | | |
| Toronto and York Radial Railway..... | 59,375.00 | | |
| | | 2,434,375.00 | |
| Port Credit to St. Catharines Radial Railway: | | | |
| Purchase of right-of-way and carrying charges (taxes less | | | |
| rental revenue) down to October 31, 1928..... | \$71,801.55 | | |
| Construction materials purchased, less amount realized on | | | |
| sale thereof..... | 117,510.09 | | |
| Surveying, engineering, administrative expenses and | | | |
| interest..... | 264,891.78 | | |
| | | 454,203.42 | |
| Toronto to Port Credit Radial Railway: | | | |
| Purchase of right-of-way and carrying charges (taxes less | | | |
| rental revenue) down to October 31, 1928—less | | | |
| amounts realized on properties sold..... | \$439,548.01 | | |
| Surveying, engineering, administrative expenses and | | | |
| interest..... | 320,338.75 | | |
| | | 759,886.76 | |
| Total..... | | | \$221,853,438.87 |

COMMISSION OF ONTARIO

and Liabilities—Continued

UNDERTAKINGS—Continued

| LIABILITIES | | |
|--|----------------|-------------------------|
| Brought forward..... | | \$218,454,997.86 |
| In respect of the Guelph Radial Railway: | | |
| City of Guelph—purchase price of the railway payable thereto, in half-yearly instalments, according to purchase agreement..... | \$150,000.00 | |
| Less: Fourteen instalments paid thereon.. | 40,203.15 | |
| | | \$109,796.85 |
| Debentures issued by the Commission and guaranteed by the Province of Ontario: | | |
| Six per cent. debentures, due 1931, issued for the purpose of making extensions and betterments.. | | 276,000.00 |
| Accounts payable and accrued charges.... | \$2,767.25 | |
| Provision for unredeemed tickets..... | 1,300.00 | |
| | | 4,067.25 |
| Premiums on sale of debentures, less portion written off.. | | 5,640.29 |
| Reserve—created by payment of instalments on the purchase price out of the revenue of the road and assessments against the City of Guelph..... | | 40,203.15 |
| Reserve for renewal of road and equipment..... | | 28,358.47 |
| Contingent Liabilities: | | |
| In respect of contracts entered into for railway undertakings in course of construction..... | \$163.50 | |
| | | 464,066.01 |
| In respect of Toronto and York Radial Railway: | | |
| Debentures issued by the Commission and guaranteed by the Province of Ontario: | | |
| Six per cent. debentures, due 1940, issued in purchase of the Metropolitan, Scarboro and Mimico Radial Railway divisions..... | \$2,375,000.00 | |
| Interest accrued thereon..... | 59,375.00 | |
| | | 2,434,375.00 |
| In respect of the Port Credit to St. Catharines Radial Railway: | | |
| Bank of Montreal—advances (secured by hypothecation of \$1,200,000.00 Hydro Radial debentures, being part of an issue of \$11,360,363.00 guaranteed by Province of Ontario)..... | | 500,000.00 |
| Total..... | | <u>\$221,853,438.87</u> |

NIAGARA

Operating Account for the

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | | |
|--|----------------|------------------------|
| Power purchased..... | | \$378,630.25 |
| Costs of operation and maintenance, including the proportion of administrative expenses chargeable to the operation of this system: | | |
| Generation and transmission equipment..... | \$4,249,769.50 | |
| Rural power districts..... | 301,548.45 | |
| | | 4,551,317.95 |
| Interest on capital investment in: | | |
| Generation and transmission equipment..... | \$7,754,047.12 | |
| Rural power districts..... | 126,905.13 | |
| | | 7,880,952.25 |
| Provision for renewals of: | | |
| Generation and transmission equipment..... | \$907,659.70 | |
| Rural power districts..... | 107,703.56 | |
| | | 1,015,363.26 |
| Provision for obsolescence and contingencies in respect of: | | |
| Generation and transmission equipment..... | \$2,695,939.68 | |
| Rural power districts..... | 161,555.34 | |
| | | 2,857,495.02 |
| Provision for sinking funds for repayment of the cash advances by the province of Ontario to the Commission and for the retirement of the bonds issued by and assumed by the Commission: | | |
| By charges included in the cost of power delivered to municipalities and rural power districts..... | \$1,197,200.42 | |
| By charges against contracts with private companies which purchase power..... | 446,512.70 | |
| By charges included in the cost of distribution of power within rural power districts..... | 28,553.37 | |
| | | 1,672,266.49 |
| | | <u>\$18,356,025.22</u> |

SYSTEM

Year Ending October 31, 1928

REVENUE FOR PERIOD

| | | |
|--|-----------------|-------------------------------|
| Collected from municipalities..... | \$12,869,243.95 | |
| Power sold to private companies..... | 4,978,560.37 | |
| Power supplied at cost to the Hydro Radial Railway (S.W. & A.)..... | 107,188.69 | |
| Collected from customers in rural power districts..... | 1,166,221.80 | |
| | | <u>\$19,121,214.81</u> |
| Add: | | |
| Amounts due by certain municipalities, being the difference between the sums paid and the cost of power supplied to them in the year..... | \$9,846.67 | |
| Amounts due by municipalities comprising certain rural power districts, being the difference between the revenue collected from customers therein and the cost of power supplied them in the year..... | 23,895.86 | |
| | | <u>33,742.53</u> |
| | | <u>\$19,154,957.34</u> |
| Deduct: | | |
| Amounts collected from certain municipalities in excess of the sums required to be paid by them for power supplied in the year..... | \$741,869.51 | |
| Amounts collected from customers in certain rural power districts in excess of the cost of power delivered thereto.. | 57,062.61 | |
| | | <u>798,932.12</u> |
| Revenue..... | | <u>\$18,356,025.22</u> |
| | | <u><u>\$18,356,025.22</u></u> |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|------------------|--|-----------------|---|--|-------------------------|--|------------|-----------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating, maintenance and administrative expenses | Interest | Renewals |
| | | | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Acton..... | 35.00 | 34.00 | 153,801.13 | 548.8 | 294.27 | 4,433.61 | 7,399.40 | 1,195.81 |
| Agincourt..... | | 42.00 | 32,265.01 | 101.9 | 54.64 | 1,862.31 | 1,558.22 | 256.16 |
| Ailsa Craig..... | | 50.00 | 35,125.44 | 89.6 | 48.04 | 1,077.50 | 1,664.16 | 346.45 |
| Alvinston..... | | 90.00 | 64,957.58 | 77.6 | 41.61 | 1,923.00 | 3,056.01 | 814.92 |
| Amherstburg.... | 44.00 | 42.00 | 146,932.85 | 459.6 | 246.44 | 4,949.94 | 6,978.13 | 1,211.48 |
| Ancaster twp.... | | 30.00 | 63,936.69 | 274.9 | 147.40 | 2,121.29 | 3,117.61 | 407.02 |
| Arkona..... | 80.00 | 85.00 | 32,858.25 | 52.2 | 27.99 | 1,052.09 | 1,561.91 | 385.00 |
| Aylmer..... | | 40.00 | 122,268.50 | 410.7 | 220.22 | 3,555.64 | 5,898.96 | 1,004.85 |
| Ayr..... | | 35.00 | 35,575.50 | 128.1 | 68.69 | 1,098.72 | 1,718.56 | 277.18 |
| Baden..... | | 34.00 | 85,954.03 | 314.6 | 168.69 | 2,312.44 | 4,147.66 | 655.07 |
| Barton twp..... | | 30.00 | 118,195.78 | 547.7 | 293.68 | 5,570.85 | 5,789.27 | 672.60 |
| Beachville..... | | 34.00 | 60,764.91 | 223.1 | 119.63 | 2,115.15 | 2,892.77 | 461.32 |
| Belle River..... | 42.00 | 40.00 | 27,945.47 | 92.7 | 49.71 | 843.36 | 1,349.45 | 225.07 |
| Blenheim..... | | 39.00 | 104,497.41 | 335.0 | 179.63 | 4,314.51 | 4,876.00 | 830.93 |
| Blyth..... | | 65.00 | 33,754.00 | 62.6 | 33.57 | 1,078.97 | 1,591.18 | 375.23 |
| Bolton..... | 55.00 | 50.00 | 40,801.98 | 99.6 | 53.41 | 984.84 | 1,931.68 | 409.32 |
| Bothwell..... | | 45.00 | 30,456.60 | 88.3 | 47.35 | 1,282.64 | 1,435.02 | 274.34 |
| Brampton..... | | 30.00 | 398,250.29 | 1,614.7 | 865.82 | 16,098.10 | 19,288.00 | 2,695.72 |
| Brantford..... | | 27.00 | 2,165,695.29 | 9,331.8 | 5,003.81 | 54,504.55 | 104,461.65 | 13,426.71 |
| Brantford twp.. | | 27.00 | 83,511.22 | 360.1 | 193.09 | 2,224.84 | 4,048.23 | 517.22 |
| Bridgeport..... | | 32.60 | 23,449.20 | 96.0 | 51.48 | 595.96 | 1,103.81 | 142.44 |
| Brigden..... | | 88.00 | 41,923.54 | 72.2 | 38.71 | 1,357.32 | 1,975.69 | 477.37 |
| Brussels..... | 58.00 | 55.00 | 50,086.74 | 111.2 | 59.63 | 1,426.16 | 2,377.28 | 520.85 |
| Burford..... | 50.00 | 46.00 | 38,748.17 | 122.6 | 65.74 | 1,040.90 | 1,876.83 | 340.27 |
| Burgessville.... | | 53.00 | 16,551.70 | 47.6 | 25.52 | 652.83 | 798.77 | 154.52 |
| Caledonia..... | | 29.00 | 61,353.24 | 248.9 | 133.46 | 1,827.48 | 2,978.74 | 420.67 |
| Campbellville... | | 70.00 | 5,112.81 | 19.4 | 10.40 | 811.46 | 248.84 | 37.39 |
| Cayuga..... | 58.00 | 60.00 | 32,653.45 | 64.4 | 34.53 | 1,109.90 | 1,552.46 | 361.44 |
| Chatham..... | | 30.00 | 1,085,700.62 | 4,303.6 | 2,307.63 | 31,609.66 | 52,659.13 | 7,415.70 |
| Chippawa..... | | 25.00 | 56,993.10 | 278.8 | 149.50 | 2,171.41 | 2,801.46 | 314.07 |
| Clifford..... | 60.00 | 58.00 | 23,268.20 | 43.9 | 23.54 | 470.45 | 1,101.03 | 258.30 |
| Clinton..... | 39.00 | 38.00 | 127,118.74 | 389.3 | 208.75 | 4,237.03 | 6,050.49 | 1,097.37 |
| Comber..... | | 45.00 | 51,018.29 | 140.8 | 75.50 | 2,881.22 | 2,412.45 | 469.24 |
| Cottam..... | | 50.00 | 17,442.98 | 46.2 | 24.77 | 482.09 | 840.04 | 165.07 |
| Courtright..... | | 80.00 | 21,690.67 | 35.4 | 18.98 | 818.03 | 1,027.31 | 252.18 |
| Dashwood..... | | 55.00 | 27,370.52 | 63.7 | 34.16 | 691.06 | 1,313.14 | 286.07 |
| Delaware..... | | 42.00 | 6,956.33 | 25.7 | 13.78 | 315.22 | 336.09 | 52.50 |
| Dorchester..... | 42.00 | 40.00 | 19,846.97 | 72.1 | 38.66 | 785.72 | 956.28 | 151.38 |
| Drayton..... | 60.00 | 55.00 | 39,612.57 | 79.9 | 42.84 | 1,543.53 | 1,871.65 | 428.92 |
| Dresden..... | 40.00 | 42.00 | 94,298.63 | 267.7 | 143.54 | 4,127.98 | 4,516.20 | 864.18 |

SYSTEM

COST OF POWER

Commission Act—of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment of the actual cost of power by annual adjustment

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|------------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,466.37 | 1,597.07 | 17,386.53 | 14.87 | 17,371.66 | 18,753.24 | 1,381.58 | ..... |
| 461.34 | 336.55 | 4,529.22 | 2.76 | 4,526.46 | 4,279.10 | ..... | 247.36 |
| 491.70 | 367.18 | 3,995.03 | 2.43 | 3,992.60 | 4,479.91 | 487.31 | ..... |
| 731.69 | 683.19 | 7,250.42 | 2.10 | 7,248.32 | 6,987.75 | ..... | 260.57 |
| 2,270.55 | 1,512.31 | 17,168.85 | 12.45 | 17,156.40 | 19,466.02 | 2,309.62 | ..... |
| 1,113.25 | 663.24 | 7,569.81 | 7.45 | 7,562.36 | 8,247.75 | 685.39 | ..... |
| 396.70 | 345.03 | 3,768.72 | 1.41 | 3,767.31 | 4,393.52 | 626.21 | ..... |
| 1,921.94 | 1,275.23 | 13,876.84 | 11.13 | 13,865.71 | 16,428.64 | 2,562.93 | ..... |
| 575.24 | 370.98 | 4,109.37 | 3.47 | 4,105.90 | 4,483.75 | 377.85 | ..... |
| 1,418.08 | 896.28 | 9,598.22 | 8.52 | 9,589.70 | 10,695.70 | 1,106.00 | ..... |
| 2,079.63 | 1,224.31 | 15,630.34 | 14.84 | 15,615.50 | 16,430.00 | 814.50 | ..... |
| 1,020.38 | 631.82 | 7,241.07 | 6.04 | 7,235.03 | 7,584.81 | 349.78 | ..... |
| 445.38 | 291.49 | 3,204.46 | 2.51 | 3,201.95 | 3,744.73 | 542.78 | ..... |
| 1,605.25 | 1,057.30 | 12,863.62 | 9.08 | 12,854.54 | 13,065.63 | 211.09 | ..... |
| 417.46 | 351.26 | 3,847.67 | 1.70 | 3,845.97 | 4,071.68 | 225.71 | ..... |
| 555.57 | 427.06 | 4,361.88 | 2.70 | 4,359.18 | 5,074.52 | 715.34 | ..... |
| 461.54 | 317.52 | 3,818.41 | 2.39 | 3,816.02 | 3,973.86 | 157.84 | ..... |
| 6,595.96 | 4,136.11 | 49,679.71 | 43.75 | 49,635.96 | 51,723.44 | 2,087.48 | ..... |
| 37,202.69 | 22,275.96 | 236,875.37 | 252.82 | 236,622.55 | 251,959.74 | 15,337.19 | ..... |
| 1,434.70 | 858.96 | 9,277.04 | 9.76 | 9,267.28 | 9,721.53 | 454.25 | ..... |
| 389.79 | 233.18 | 2,516.66 | 2.60 | 2,514.06 | 3,128.75 | 614.69 | ..... |
| 538.18 | 438.51 | 4,825.78 | 1.96 | 4,823.82 | 6,355.01 | 1,531.19 | ..... |
| 661.38 | 521.69 | 5,566.99 | 3.01 | 5,563.98 | 6,176.68 | 612.70 | ..... |
| 607.83 | 407.69 | 4,339.26 | 3.32 | 4,335.94 | 5,722.55 | 1,386.61 | ..... |
| 240.21 | 174.18 | 2,046.03 | 1.29 | 2,044.74 | 2,524.48 | 479.74 | ..... |
| 1,031.89 | 637.12 | 7,029.36 | 6.74 | 7,022.62 | 7,216.84 | 194.22 | ..... |
| 81.76 | 53.21 | 1,243.06 | 0.53 | 1,242.53 | 1,357.38 | 114.85 | ..... |
| 425.66 | 342.15 | 3,826.14 | 1.74 | 3,824.40 | 3,842.61 | 18.21 | ..... |
| 18,378.03 | 11,295.13 | 123,665.28 | 116.60 | 123,548.68 | 129,330.55 | 5,781.87 | ..... |
| 1,008.07 | 590.68 | 7,035.19 | 7.55 | 7,027.64 | 6,970.41 | ..... | 57.23 |
| 284.34 | 242.93 | 2,380.59 | 1.19 | 2,379.40 | 2,561.65 | 182.25 | ..... |
| 1,867.69 | 1,316.76 | 14,778.09 | 10.55 | 14,767.54 | 14,421.38 | ..... | 346.16 |
| 743.31 | 528.62 | 7,110.34 | 3.81 | 7,106.53 | 6,335.59 | ..... | 770.94 |
| 251.71 | 182.41 | 1,946.09 | 1.25 | 1,944.84 | 2,308.30 | 363.46 | ..... |
| 257.66 | 227.74 | 2,601.90 | 0.96 | 2,600.94 | 2,831.96 | 231.02 | ..... |
| 365.40 | 288.96 | 2,978.79 | 1.73 | 2,977.06 | 3,502.54 | 525.48 | ..... |
| 114.10 | 72.42 | 904.11 | 0.70 | 903.41 | 1,080.10 | 176.69 | ..... |
| 323.34 | 206.04 | 2,461.42 | 1.95 | 2,459.47 | 2,911.96 | 452.49 | ..... |
| 500.96 | 413.22 | 4,801.12 | 2.16 | 4,798.96 | 4,464.90 | ..... | 334.06 |
| 1,411.37 | 985.41 | 12,048.68 | 7.25 | 12,041.43 | 11,145.66 | ..... | 895.77 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|--------------------|--|------------------|---|---|-------------------------|--|------------|-----------|
| | To Jan. 1, 1928 | To Oct. 31, 1928 | | | | Operating, maintenance and administrative expenses | Interest | Renewals |
| | | | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Drumbo..... | | 47.00 | 19,026.43 | 55.4 | 29.71 | 675.54 | 912.62 | 174.69 |
| Dublin..... | 55.00 | 53.00 | 22,279.62 | 57.7 | 30.94 | 900.26 | 1,059.24 | 214.43 |
| Dundas..... | | 25.00 | 330,338.43 | 1,508.4 | 808.82 | 8,511.90 | 16,059.48 | 1,924.96 |
| Dunnville..... | | 41.00 | 173,071.41 | 581.6 | 311.86 | 5,600.15 | 8,352.35 | 1,470.56 |
| Dutton..... | | 40.00 | 50,885.22 | 184.0 | 98.66 | 2,162.05 | 2,456.68 | 391.59 |
| Elmira..... | 33.00 | 31.00 | 257,139.98 | 959.5 | 514.49 | 6,623.40 | 12,452.36 | 1,917.91 |
| Elora..... | 36.00 | 35.00 | 116,804.13 | 399.5 | 214.22 | 2,985.33 | 5,635.61 | 950.79 |
| Embro..... | | 60.00 | 32,249.32 | 73.8 | 39.57 | 966.64 | 1,509.69 | 329.00 |
| Erieau..... | 60.00 | 58.00 | 21,438.35 | 46.6 | 24.99 | 844.72 | 1,000.72 | 218.56 |
| Erie Beach..... | | 65.00 | 5,330.96 | 9.8 | 5.25 | 224.04 | 248.62 | 58.36 |
| Essex..... | 40.00 | 38.00 | 81,727.00 | 279.5 | 149.87 | 2,252.72 | 3,946.19 | 640.41 |
| Etobicoke twp..... | | 30.00 | 471,634.49 | 1,910.6 | 1,024.48 | 12,270.66 | 22,976.89 | 3,168.78 |
| Exeter..... | | 42.00 | 118,774.27 | 377.2 | 202.26 | 3,311.03 | 5,723.11 | 1,026.47 |
| Fergus..... | 37.00 | 35.00 | 127,562.11 | 439.1 | 235.45 | 3,542.66 | 6,146.58 | 1,028.85 |
| Fonthill..... | | 35.00 | 21,775.01 | 88.1 | 47.24 | 1,252.80 | 1,065.75 | 155.90 |
| Ford City..... | 34.00 | 33.00 | 875,652.39 | 3,504.4 | 1,879.10 | 34,684.61 | 42,708.60 | 5,785.90 |
| Forest..... | 55.00 | 50.00 | 97,056.93 | 247.3 | 132.60 | 3,424.77 | 4,640.15 | 941.63 |
| Galt..... | | 27.50 | 1,418,542.96 | 6,063.2 | 3,251.15 | 36,668.46 | 68,980.11 | 9,041.24 |
| Georgetown..... | | 36.00 | 231,157.96 | 735.0 | 394.11 | 6,151.58 | 10,649.60 | 1,851.28 |
| Glencoe..... | | 60.00 | 63,800.41 | 135.7 | 72.76 | 2,504.92 | 3,051.77 | 684.20 |
| Goderich..... | 43.00 | 42.00 | 336,813.66 | 915.5 | 490.90 | 12,244.47 | 15,972.32 | 3,150.80 |
| Granton..... | | 50.00 | 23,507.23 | 61.5 | 32.98 | 755.06 | 1,121.67 | 229.24 |
| Guelph..... | | 27.00 | 1,636,271.86 | 7,455.2 | 3,997.55 | 48,053.39 | 79,737.15 | 9,494.40 |
| Hagersville..... | | 31.00 | 256,465.71 | 969.4 | 519.80 | 6,540.46 | 12,426.02 | 1,907.42 |
| Hamilton..... | | 25.00 | 9,951,387.80 | 46,113.1 | 24,726.31 | 231,781.13 | 486,955.45 | 56,629.03 |
| Harriston..... | | 44.00 | 85,172.45 | 252.8 | 135.55 | 2,902.05 | 4,048.03 | 752.55 |
| Harrow..... | 55.00 | 45.00 | 58,997.93 | 193.1 | 103.54 | 1,948.72 | 2,853.51 | 481.50 |
| Hensall..... | 53.00 | 50.00 | 43,943.38 | 110.0 | 58.98 | 1,252.29 | 2,101.01 | 439.43 |
| Hespeler..... | | 29.00 | 247,326.25 | 1,004.6 | 538.68 | 6,322.68 | 12,014.80 | 1,683.05 |
| Highgate..... | 46.00 | 44.00 | 32,872.67 | 94.5 | 50.67 | 1,371.58 | 1,574.83 | 298.82 |
| Humberstone..... | | 28.00 | 65,756.16 | 283.7 | 152.12 | 2,493.44 | 3,221.69 | 435.50 |
| Ingersoll..... | | 29.00 | 476,006.31 | 2,078.1 | 1,114.30 | 13,329.44 | 23,221.93 | 2,969.85 |
| Jarvis..... | | 38.00 | 48,041.13 | 143.1 | 76.73 | 1,260.32 | 2,311.99 | 434.85 |
| Kingsville..... | 44.00 | 42.00 | 115,898.13 | 368.9 | 197.81 | 3,779.04 | 5,581.49 | 966.29 |
| Kitchener..... | | 27.00 | 3,293,122.30 | 14,145.6 | 7,585.04 | 79,090.10 | 160,353.92 | 20,784.98 |
| Lambeth..... | | 45.00 | 27,028.25 | 84.0 | 45.04 | 890.47 | 1,298.53 | 236.21 |
| La Salle..... | | 40.00 | 56,632.93 | 195.0 | 104.56 | 1,858.62 | 2,750.93 | 440.61 |
| Leamington..... | 42.00 | 40.00 | 212,166.78 | 733.0 | 393.04 | 6,624.83 | 10,269.39 | 1,646.30 |
| Listowel..... | | 37.00 | 190,884.67 | 649.2 | 348.11 | 6,279.07 | 9,122.35 | 1,512.34 |
| London..... | | 26.00 | 5,359,583.34 | 24,004.7 | 12,871.57 | 134,945.13 | 261,206.21 | 31,947.37 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertain- supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|-----------------|--------------|---|--|---|--|----------|
| Cbsoles- cence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 282.05 | 198.91 | 2,273.52 | 1.50 | 2,272.02 | 2,604.93 | 332.91 | ..... |
| 334.15 | 231.50 | 2,770.52 | 1.56 | 2,768.96 | 3,074.01 | 305.05 | ..... |
| 5,765.50 | 3,422.77 | 36,493.43 | 40.87 | 36,452.56 | 38,256.89 | 1,804.33 | ..... |
| 2,465.58 | 1,804.78 | 20,005.28 | 15.76 | 19,989.52 | 23,843.85 | 3,854.33 | ..... |
| 833.48 | 530.19 | 6,472.65 | 4.99 | 6,467.66 | 7,359.23 | 891.57 | ..... |
| 4,217.33 | 2,677.42 | 28,402.91 | 26.00 | 28,376.91 | 30,051.48 | 1,674.57 | ..... |
| 1,837.20 | 1,218.94 | 12,842.09 | 10.82 | 12,831.27 | 14,049.91 | 1,218.64 | ..... |
| 435.49 | 332.81 | 3,613.20 | 2.00 | 3,611.20 | 4,426.50 | 815.30 | ..... |
| 276.70 | 219.36 | 2,585.05 | 1.26 | 2,583.79 | 2,717.59 | 133.80 | ..... |
| 65.83 | 54.83 | 656.93 | 0.27 | 656.66 | 633.70 | ..... | 22.96 |
| 1,322.63 | 852.06 | 9,163.88 | 7.57 | 9,156.31 | 10,716.02 | 1,559.71 | ..... |
| 8,020.73 | 4,905.03 | 52,366.57 | 51.76 | 52,314.81 | 57,318.25 | 5,003.44 | ..... |
| 1,794.14 | 1,242.52 | 13,299.53 | 10.22 | 13,289.31 | 15,842.75 | 2,553.44 | ..... |
| 1,992.64 | 1,328.41 | 14,274.59 | 11.90 | 14,262.69 | 15,539.84 | 1,277.15 | ..... |
| 345.46 | 226.45 | 3,093.60 | 2.39 | 3,091.21 | 3,082.59 | ..... | 8.62 |
| 14,725.55 | 9,108.53 | 108,892.29 | 94.94 | 108,797.35 | 116,216.70 | 7,419.35 | ..... |
| 1,413.22 | 1,015.25 | 11,567.62 | 6.70 | 11,560.92 | 12,584.86 | 1,023.94 | ..... |
| 24,475.67 | 14,737.35 | 157,153.98 | 164.27 | 156,989.71 | 173,915.83 | 16,926.12 | ..... |
| 3,388.64 | 2,314.24 | 24,749.45 | 19.91 | 24,729.54 | 26,458.56 | 1,729.02 | ..... |
| 842.15 | 672.28 | 7,828.08 | 3.68 | 7,824.40 | 8,142.00 | 317.60 | ..... |
| 4,667.86 | 3,496.75 | 40,023.10 | 24.80 | 39,998.30 | 37,486.04 | ..... | 2,512.26 |
| 324.52 | 246.02 | 2,709.49 | 1.67 | 2,707.82 | 3,074.87 | 367.05 | ..... |
| 28,695.11 | 16,957.26 | 186,934.86 | 201.98 | 186,732.88 | 201,291.24 | 14,558.36 | ..... |
| 4,200.05 | 2,670.22 | 28,263.97 | 26.26 | 28,237.71 | 30,052.69 | 1,814.98 | ..... |
| 175,092.81 | 103,079.81 | 1,078,264.54 | 1,249.33 | 1,077,015.21 | 1,154,951.48 | 77,936.27 | ..... |
| 1,270.02 | 883.09 | 9,991.29 | 6.85 | 9,984.44 | 11,122.27 | 1,137.83 | ..... |
| 922.81 | 616.10 | 6,926.18 | 5.23 | 6,920.95 | 8,965.02 | 2,044.07 | ..... |
| 598.35 | 460.68 | 4,910.74 | 2.98 | 4,907.76 | 5,559.33 | 651.57 | ..... |
| 4,162.25 | 2,571.67 | 27,293.13 | 27.22 | 27,265.91 | 30,779.63 | 3,513.72 | ..... |
| 489.92 | 343.48 | 4,129.30 | 2.56 | 4,126.74 | 4,189.02 | 62.28 | ..... |
| 1,132.65 | 683.12 | 8,118.52 | 7.69 | 8,110.83 | 7,944.72 | ..... | 166.11 |
| 8,136.59 | 4,953.57 | 53,725.68 | 56.30 | 53,669.38 | 60,265.01 | 6,595.63 | ..... |
| 696.62 | 501.77 | 5,282.28 | 3.88 | 5,278.40 | 5,438.39 | 159.99 | ..... |
| 1,843.40 | 1,209.58 | 13,577.61 | 10.00 | 13,567.61 | 15,632.62 | 2,065.01 | ..... |
| 57,233.37 | 34,214.75 | 359,262.16 | 383.24 | 358,878.92 | 382,132.37 | 23,253.45 | ..... |
| 408.93 | 282.04 | 3,161.22 | 2.28 | 3,158.94 | 3,781.09 | 622.15 | ..... |
| 904.47 | 590.13 | 6,649.32 | 5.28 | 6,644.04 | 7,800.30 | 1,156.26 | ..... |
| 3,363.08 | 2,211.29 | 24,507.93 | 19.86 | 24,488.07 | 29,563.58 | 5,075.51 | ..... |
| 3,035.54 | 1,972.86 | 22,270.27 | 17.59 | 22,252.68 | 24,020.98 | 1,768.30 | ..... |
| 93,804.53 | 55,645.12 | 590,419.93 | 650.35 | 589,769.58 | 624,122.59 | 34,353.01 | ..... |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|-----------------|--|-----------------|---|---|-------------------------|--|-----------|----------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating, maintenance and administrative expenses | Interest | Renewals |
| | | | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| London Ry. Com. | 15.00+ | kw. hr. | 369,250.24 | 1,355.1 | 726.62 | 13,411.65 | 17,802.68 | 2,801.05 |
| London twp. | 40.00 | | 47,217.57 | 165.4 | 88.69 | 1,660.69 | 2,290.09 | 374.39 |
| Lucan | 38.00 | | 42,683.03 | 152.0 | 81.50 | 1,517.57 | 2,053.73 | 335.33 |
| Lynden | 40.00 | | 29,178.44 | 86.2 | 46.22 | 917.01 | 1,384.51 | 265.07 |
| Markham | 58.00 | 56.00 | 48,180.90 | 134.6 | 72.17 | 2,188.49 | 2,308.35 | 332.85 |
| Merlin | 47.00 | | 44,343.60 | 116.1 | 62.25 | 2,298.35 | 2,140.23 | 432.46 |
| Merritton | 22.00 | | 177,527.03 | 946.3 | 507.42 | 5,393.99 | 8,782.31 | 790.21 |
| Milton | 32.00 | | 267,673.27 | 1,012.3 | 542.81 | 10,880.94 | 12,904.48 | 1,964.71 |
| Milverton | 35.00 | | 159,350.83 | 571.8 | 306.60 | 4,756.95 | 7,631.45 | 1,199.93 |
| Mimico | 27.00 | | 360,439.82 | 1,591.1 | 853.16 | 9,240.71 | 17,599.27 | 2,152.26 |
| Mitchell | 34.00 | 33.00 | 111,680.01 | 408.2 | 218.88 | 3,924.03 | 5,354.58 | 829.91 |
| Moorefield | 70.00 | 65.00 | 20,540.47 | 40.3 | 21.61 | 683.38 | 969.55 | 224.78 |
| Mount Brydges | 47.00 | 45.00 | 20,463.29 | 66.8 | 35.82 | 1,083.34 | 985.63 | 172.33 |
| Newbury | 55.00 | 52.00 | 14,306.85 | 34.8 | 18.66 | 590.91 | 687.21 | 144.53 |
| New Hamburg | 35.00 | | 141,739.90 | 498.7 | 267.41 | 3,555.80 | 6,840.39 | 1,121.01 |
| New Toronto | 29.00 | | 1,096,032.60 | 4,542.7 | 2,435.84 | 28,515.75 | 53,285.78 | 7,153.13 |
| Niagara Falls | 19.00 | | 1,427,954.40 | 8,234.5 | 4,415.43 | 34,283.25 | 70,761.11 | 5,434.46 |
| Niagara-on-Lake | 30.00 | 30.00 | 78,437.79 | 387.3 | 207.67 | 3,706.40 | 3,858.59 | 426.43 |
| Norwich | 36.00 | | 77,003.99 | 290.1 | 155.55 | 2,374.37 | 3,704.66 | 571.62 |
| Oil Springs | 40.00 | | 76,374.04 | 214.0 | 114.75 | 2,690.77 | 3,650.73 | 700.33 |
| Otterville | 45.00 | | 21,595.28 | 68.1 | 36.52 | 743.02 | 1,041.06 | 188.41 |
| Palmerston | 40.00 | | 133,070.84 | 433.8 | 232.61 | 4,455.84 | 6,363.22 | 1,094.39 |
| Paris | 28.00 | | 284,972.26 | 1,222.4 | 655.46 | 7,439.61 | 13,866.87 | 1,824.46 |
| Parkhill | 65.00 | | 64,528.79 | 124.0 | 66.49 | 1,437.09 | 3,061.39 | 719.08 |
| Petrolia | 40.00 | | 284,500.04 | 845.9 | 453.58 | 9,658.43 | 13,628.34 | 2,506.49 |
| Plattsville | 70.00 | 65.00 | 23,045.64 | 43.6 | 23.38 | 632.67 | 1,087.91 | 258.99 |
| Point Edward | 40.00 | | 61,390.44 | 213.3 | 114.37 | 2,941.56 | 2,927.97 | 476.24 |
| Port Colborne | 28.00 | | 259,316.13 | 1,118.8 | 599.91 | 8,979.93 | 12,665.41 | 1,717.43 |
| Port Credit | 32.00 | | 96,733.95 | 377.4 | 202.37 | 3,777.08 | 4,696.57 | 686.92 |
| Port Dalhousie | 30.00 | | 78,522.14 | 348.0 | 186.60 | 2,764.04 | 3,836.85 | 489.87 |
| Port Dover | 43.00 | | 77,014.70 | 219.8 | 117.86 | 2,209.15 | 3,703.14 | 715.90 |
| Port Rowan | 66.98 | 90.00 | 39,746.06 | 50.6 | 27.13 | 1,295.36 | 1,882.36 | 496.18 |
| Port Stanley | 45.00 | | 93,131.42 | 280.6 | 150.46 | 2,686.39 | 4,454.97 | 830.98 |
| Preston | 27.00 | | 710,250.19 | 3,089.6 | 1,656.68 | 18,638.09 | 34,569.24 | 4,417.57 |
| Princeton | 65.00 | | 15,465.13 | 34.0 | 18.23 | 439.55 | 733.41 | 164.24 |
| Queenston | 29.00 | | 19,559.37 | 87.6 | 46.97 | 769.31 | 955.52 | 123.39 |
| Richmond Hill | 42.00 | | 56,311.67 | 192.5 | 103.22 | 1,870.74 | 2,729.78 | 413.98 |
| Ridgetown | 38.00 | | 112,459.31 | 369.9 | 198.34 | 4,439.04 | 5,411.28 | 925.62 |
| Riverside | 26.00 | 34.00 | 316,832.84 | 1,099.0 | 589.30 | 7,386.49 | 15,325.81 | 2,436.20 |
| Rockwood | 53.00 | 50.00 | 29,527.35 | 83.6 | 44.83 | 812.28 | 1,409.25 | 274.57 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment of the actual cost of power by annual adjustment

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|------------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,292.98 | 3,846.51 | 44,881.49 | 36.71 | 44,844.78 | 48,339.53 | 3,494.75 | ..... |
| 756.66 | 491.69 | 5,662.21 | 4.48 | 5,657.73 | 6,616.97 | 959.24 | ..... |
| 686.45 | 445.70 | 5,120.28 | 4.12 | 5,116.16 | 5,775.33 | 659.17 | ..... |
| 426.41 | 304.44 | 3,343.66 | 2.34 | 3,341.32 | 3,448.36 | 107.04 | ..... |
| 631.15 | 440.67 | 5,973.68 | 3.65 | 5,970.03 | 7,582.11 | 1,612.08 | ..... |
| 641.42 | 467.85 | 6,042.56 | 3.15 | 6,039.41 | 5,457.44 | ..... | 581.97 |
| 3,177.75 | 1,836.94 | 20,488.62 | 25.64 | 20,462.98 | 20,817.63 | 354.65 | ..... |
| 4,279.13 | 2,785.86 | 33,357.93 | 27.43 | 33,330.50 | 32,393.26 | ..... | 937.24 |
| 2,590.16 | 1,644.92 | 18,130.01 | 15.49 | 18,114.52 | 20,014.34 | 1,899.82 | ..... |
| 6,195.16 | 3,743.22 | 39,783.78 | 43.11 | 39,740.67 | 42,958.56 | 3,217.89 | ..... |
| 1,797.21 | 1,155.54 | 13,280.15 | 11.06 | 13,269.09 | 13,534.17 | 265.08 | ..... |
| 256.21 | 214.35 | 2,369.88 | 1.09 | 2,368.79 | 2,658.35 | 289.56 | ..... |
| 318.27 | 213.40 | 2,808.79 | 1.81 | 2,806.98 | 3,027.54 | 220.56 | ..... |
| 204.05 | 150.69 | 1,796.05 | 0.94 | 1,795.11 | 1,824.95 | 29.84 | ..... |
| 2,278.54 | 1,478.75 | 15,541.90 | 13.51 | 15,528.39 | 17,453.00 | 1,924.61 | ..... |
| 18,710.70 | 11,394.91 | 121,496.11 | 123.07 | 121,373.04 | 131,737.30 | 10,364.26 | ..... |
| 26,514.31 | 14,749.69 | 156,158.25 | 223.10 | 155,935.15 | 156,454.99 | 519.84 | ..... |
| 1,334.04 | 813.65 | 10,346.78 | 10.49 | 10,336.29 | 11,618.50 | 1,282.21 | ..... |
| 1,249.84 | 801.74 | 8,857.78 | 7.86 | 8,849.92 | 10,443.30 | 1,593.38 | ..... |
| 1,185.31 | 798.18 | 9,140.07 | 5.80 | 9,134.27 | 8,561.93 | ..... | 572.34 |
| 326.34 | 226.26 | 2,561.61 | 1.85 | 2,559.76 | 3,064.11 | 504.35 | ..... |
| 2,065.75 | 1,377.12 | 15,588.93 | 11.75 | 15,577.18 | 17,353.64 | 1,776.46 | ..... |
| 4,913.17 | 2,964.08 | 31,663.65 | 33.12 | 31,630.53 | 34,322.11 | 2,691.58 | ..... |
| 800.29 | 676.35 | 6,760.69 | 3.36 | 6,757.33 | 8,061.05 | 1,303.72 | ..... |
| 4,466.43 | 2,971.29 | 33,684.56 | 22.92 | 33,661.64 | 35,078.31 | 1,416.67 | ..... |
| 288.13 | 241.85 | 2,532.93 | 1.18 | 2,531.75 | 2,867.51 | 335.76 | ..... |
| 1,014.61 | 639.88 | 8,114.63 | 5.78 | 8,108.85 | 8,533.97 | 425.12 | ..... |
| 4,466.71 | 2,693.98 | 31,123.37 | 30.31 | 31,093.06 | 31,326.83 | 233.77 | ..... |
| 1,632.73 | 1,006.63 | 12,002.30 | 10.22 | 11,992.08 | 12,076.48 | 84.40 | ..... |
| 1,314.77 | 815.41 | 9,407.54 | 9.43 | 9,398.11 | 10,439.25 | 1,041.14 | ..... |
| 1,132.49 | 805.21 | 8,683.75 | 5.95 | 8,677.80 | 9,449.22 | 771.42 | ..... |
| 452.38 | 417.96 | 4,571.37 | 1.37 | 4,570.00 | 4,349.25 | ..... | 220.75 |
| 1,407.96 | 972.66 | 10,503.42 | 7.60 | 10,495.82 | 12,108.98 | 1,613.16 | ..... |
| 12,377.19 | 7,376.60 | 79,035.37 | 83.71 | 78,951.66 | 83,573.24 | 4,621.58 | ..... |
| 201.61 | 162.11 | 1,719.15 | 0.92 | 1,718.23 | 2,206.70 | 488.47 | ..... |
| 332.51 | 202.94 | 2,430.64 | 2.37 | 2,428.27 | 2,539.64 | 111.37 | ..... |
| 850.79 | 586.70 | 6,555.21 | 5.22 | 6,549.99 | 8,086.75 | 1,536.76 | ..... |
| 1,786.01 | 1,173.14 | 13,933.43 | 10.02 | 13,923.41 | 14,056.31 | 132.90 | ..... |
| 5,166.20 | 3,292.88 | 34,196.88 | 29.77 | 34,167.11 | 37,770.62 | 3,603.51 | ..... |
| 423.59 | 308.16 | 3,272.68 | 2.26 | 3,270.42 | 4,218.30 | 947.88 | ..... |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|-------------------|--|-----------------|---|--|-------------------------|--|--------------|------------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating, main-tenance and adminis-trative expenses | Interest | Renewals |
| | | | | | | | | |
| | | | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Rodney..... | | 46.00 | 34,742.94 | 107.5 | 57.64 | 1,607.71 | 1,669.92 | 304.25 |
| St. Catharines... | | 21.00 | 1,389,419.38 | 7,317.4 | 3,923.66 | 37,629.49 | 68,537.00 | 6,361.26 |
| St. Clair Beach.. | 42.00 | 40.00 | 21,009.89 | 66.2 | 35.50 | 568.68 | 1,006.45 | 174.47 |
| St. George..... | | 46.00 | 41,621.00 | 123.7 | 66.33 | 1,184.53 | 1,998.33 | 376.80 |
| St. Jacobs..... | | 35.00 | 46,497.60 | 171.3 | 91.85 | 1,442.21 | 2,254.65 | 351.30 |
| St. Marys..... | | 35.00 | 341,454.37 | 1,255.7 | 673.32 | 12,293.20 | 16,477.57 | 2,494.66 |
| St. Thomas..... | | 28.00 | 1,157,157.56 | 5,031.0 | 2,697.67 | 33,916.27 | 56,322.51 | 7,181.68 |
| Sandwich..... | 32.00 | 31.00 | 915,386.14 | 3,414.2 | 1,830.73 | 21,169.66 | 44,524.00 | 6,574.43 |
| Sarnia..... | 36.00 | 34.00 | 1,627,904.76 | 5,539.8 | 2,970.50 | 46,670.27 | 78,512.16 | 12,875.28 |
| Scarboro twp.... | | 36.00 | 446,856.09 | 1,846.7 | 990.22 | 25,114.96 | 21,803.40 | 2,566.82 |
| Seaforth..... | 36.00 | 35.00 | 118,440.62 | 399.2 | 214.06 | 4,319.32 | 5,604.69 | 945.97 |
| Simcoe..... | | 31.00 | 236,143.95 | 912.6 | 489.35 | 6,286.90 | 11,482.00 | 1,716.63 |
| Springfield..... | 50.00 | 48.00 | 37,770.18 | 95.5 | 51.21 | 995.94 | 1,807.86 | 374.25 |
| Stamford twp.... | | 21.00 | 222,467.29 | 1,283.1 | 688.01 | 6,832.91 | 11,042.17 | 845.10 |
| Stouffville..... | | 60.00 | 44,432.30 | 103.3 | 55.39 | 1,075.19 | 2,119.72 | 436.14 |
| Stratford..... | | 30.00 | 1,585,939.80 | 6,481.0 | 3,475.20 | 44,856.62 | 76,254.72 | 10,285.56 |
| Strathroy..... | | 34.00 | 205,063.92 | 731.0 | 391.97 | 5,330.81 | 9,836.05 | 1,587.25 |
| Sutton..... | | 60.00 | 41,754.33 | 111.3 | 59.68 | 2,430.37 | 1,998.77 | 376.58 |
| Tavistock..... | 38.00 | 36.00 | 125,609.43 | 427.7 | 229.34 | 3,562.23 | 5,968.20 | 981.37 |
| Tecumseh..... | 39.00 | 37.00 | 87,409.28 | 281.6 | 151.00 | 2,109.93 | 4,197.85 | 712.60 |
| Thamesford..... | | 45.00 | 44,027.63 | 135.7 | 72.76 | 1,225.34 | 2,103.94 | 385.38 |
| Thamesville..... | 42.00 | 40.00 | 48,963.82 | 162.8 | 87.30 | 2,356.63 | 2,363.26 | 400.71 |
| Thedford..... | 83.00 | 75.00 | 29,021.20 | 50.1 | 26.86 | 931.78 | 1,373.44 | 331.65 |
| Thorndale..... | | 65.00 | 21,803.35 | 48.2 | 25.85 | 952.17 | 1,029.23 | 229.69 |
| Thorold..... | | 24.00 | 212,697.78 | 1,063.8 | 570.42 | 6,387.03 | 10,481.65 | 1,085.94 |
| Tilbury..... | | 38.00 | 138,596.20 | 469.1 | 251.54 | 6,439.50 | 6,638.62 | 1,096.92 |
| Tillsonburg..... | | 34.00 | 204,464.66 | 762.4 | 408.81 | 5,827.64 | 9,866.15 | 1,533.75 |
| Toronto..... | | 26.10 | 48,295,719.63 | 204,905.1 | 109,872.24 | 1,094,664.18 | 2,351,221.11 | 265,443.40 |
| Toronto twp.... | | 33.00 | 222,697.56 | 906.5 | 486.07 | 8,759.00 | 10,837.62 | 1,504.62 |
| Walkerville..... | | 30.00 | 1,423,701.66 | 5,699.3 | 3,056.02 | 33,128.15 | 68,982.48 | 9,403.81 |
| Wallaceburg.... | | 35.00 | 615,961.86 | 2,087.9 | 1,119.55 | 17,666.10 | 29,748.14 | 4,941.03 |
| Wardsville..... | 74.00 | 70.00 | 13,436.44 | 27.2 | 14.58 | 530.76 | 642.95 | 146.91 |
| Waterdown..... | 35.00 | 32.00 | 46,916.46 | 177.3 | 95.07 | 1,389.55 | 2,205.28 | 332.12 |
| Waterford..... | | 33.00 | 92,832.78 | 348.6 | 186.92 | 2,701.53 | 4,503.05 | 694.14 |
| Waterloo..... | | 28.00 | 667,505.86 | 2,846.9 | 1,526.54 | 16,461.04 | 32,474.17 | 4,252.52 |
| Watford..... | 57.00 | 55.00 | 76,981.00 | 176.3 | 94.53 | 2,819.94 | 3,672.06 | 788.65 |
| Welland..... | | 23.00 | 638,747.56 | 3,289.7 | 1,763.97 | 19,204.46 | 31,401.09 | 3,196.49 |
| Wellesley..... | | 45.00 | 43,856.34 | 116.5 | 62.47 | 1,267.96 | 2,089.52 | 423.63 |
| West Lorne..... | | 40.00 | 92,496.80 | 317.8 | 170.41 | 3,762.10 | 4,458.67 | 745.73 |
| Weston..... | | 28.00 | 523,167.72 | 2,230.5 | 1,196.02 | 12,763.13 | 25,421.72 | 3,286.36 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment of the actual cost of power by annual adjustment

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|--------------|---|--|---|--|----------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 522.23 | 362.73 | 4,524.48 | 2.91 | 4,521.57 | 4,946.88 | 425.31 | ..... |
| 24,621.21 | 14,380.55 | 155,453.17 | 198.25 | 155,254.92 | 153,666.08 | ..... | 1,588.84 |
| 326.65 | 217.82 | 2,329.57 | 1.79 | 2,327.78 | 2,667.42 | 339.64 | ..... |
| 632.59 | 434.85 | 4,693.43 | 3.35 | 4,690.08 | 5,691.69 | 1,001.61 | ..... |
| 776.17 | 484.24 | 5,400.42 | 4.64 | 5,395.78 | 5,997.22 | 601.44 | ..... |
| 5,730.49 | 3,555.98 | 41,225.22 | 34.02 | 41,191.20 | 43,950.62 | 2,759.42 | ..... |
| 20,145.94 | 12,022.17 | 132,286.24 | 136.30 | 132,149.94 | 140,867.25 | 8,717.31 | ..... |
| 15,164.02 | 9,532.10 | 98,794.94 | 92.50 | 98,702.44 | 106,448.08 | 7,745.64 | ..... |
| 26,471.07 | 16,974.26 | 184,473.54 | 150.09 | 184,323.45 | 190,310.55 | 5,987.10 | ..... |
| 7,247.01 | 4,642.30 | 62,364.71 | 50.03 | 62,314.68 | 66,480.90 | 4,166.22 | ..... |
| 1,824.48 | 1,224.38 | 14,132.90 | 10.82 | 14,122.08 | 14,046.81 | ..... | 75.27 |
| 3,873.32 | 2,461.74 | 26,309.94 | 24.72 | 26,285.22 | 28,291.32 | 2,006.10 | ..... |
| 522.26 | 395.21 | 4,146.73 | 2.59 | 4,144.14 | 4,611.30 | 467.16 | ..... |
| 4,121.55 | 2,297.12 | 25,826.86 | 34.76 | 25,792.10 | 26,944.89 | 1,152.79 | ..... |
| 578.61 | 465.04 | 4,730.09 | 2.80 | 4,727.29 | 6,197.50 | 1,470.21 | ..... |
| 26,986.31 | 16,317.29 | 178,175.70 | 175.59 | 178,000.11 | 194,431.25 | 16,431.14 | ..... |
| 3,168.60 | 2,125.77 | 22,440.45 | 19.80 | 22,420.65 | 24,855.39 | 2,434.74 | ..... |
| 568.54 | 435.53 | 5,869.47 | 3.02 | 5,866.45 | 6,678.00 | 811.55 | ..... |
| 1,997.42 | 1,289.24 | 14,027.80 | 11.59 | 14,016.21 | 15,538.75 | 1,522.54 | ..... |
| 1,371.93 | 905.77 | 9,449.08 | 7.63 | 9,441.45 | 10,502.99 | 1,061.54 | ..... |
| 669.50 | 458.30 | 4,915.22 | 3.68 | 4,911.54 | 6,106.47 | 1,194.93 | ..... |
| 784.96 | 511.65 | 6,504.51 | 4.41 | 6,500.10 | 6,567.49 | 67.39 | ..... |
| 361.58 | 304.57 | 3,329.88 | 1.36 | 3,328.52 | 3,826.05 | 497.53 | ..... |
| 284.07 | 227.92 | 2,748.93 | 1.31 | 2,747.62 | 3,134.33 | 386.71 | ..... |
| 3,767.96 | 2,203.76 | 24,496.76 | 28.82 | 24,467.94 | 25,531.74 | 1,063.80 | ..... |
| 2,225.20 | 1,433.77 | 18,085.55 | 12.71 | 18,072.84 | 17,824.62 | ..... | 248.22 |
| 3,210.52 | 2,129.13 | 22,276.00 | 20.66 | 22,955.34 | 25,920.81 | 2,965.47 | ..... |
| 793,458.27 | 501,505.61 | 5,116,164.81 | 5,551.42 | 5,110,613.39 | 5,348,024.15 | 237,410.76 | ..... |
| 3,818.34 | 2,315.88 | 27,721.53 | 24.56 | 27,696.97 | 29,913.37 | 2,216.40 | ..... |
| 23,942.58 | 14,809.26 | 153,322.30 | 154.41 | 153,167.89 | 170,980.32 | 17,812.43 | ..... |
| 9,826.47 | 6,422.75 | 69,724.04 | 56.57 | 69,667.47 | 73,077.34 | 3,409.87 | ..... |
| 175.50 | 141.61 | 1,652.31 | .74 | 1,651.57 | 1,923.63 | 272.06 | ..... |
| 756.50 | 476.62 | 5,255.14 | 4.80 | 5,250.34 | 5,764.38 | 514.04 | ..... |
| 1,552.07 | 967.31 | 10,605.02 | 9.44 | 10,595.58 | 11,503.78 | 908.20 | ..... |
| 11,560.00 | 6,934.66 | 73,208.93 | 77.15 | 73,131.78 | 79,713.86 | 6,582.08 | ..... |
| 1,071.05 | 806.16 | 9,252.39 | 4.78 | 9,247.61 | 9,752.02 | 504.41 | ..... |
| 11,364.80 | 6,613.48 | 73,544.29 | 89.13 | 73,455.16 | 75,662.09 | 2,206.93 | ..... |
| 618.45 | 458.98 | 4,921.01 | 3.16 | 4,917.85 | 5,241.35 | 323.50 | ..... |
| 1,467.02 | 964.44 | 11,568.37 | 8.61 | 11,559.76 | 12,710.55 | 1,150.79 | ..... |
| 8,808.71 | 5,436.42 | 56,912.36 | 60.43 | 56,851.93 | 62,454.33 | 5,602.40 | ..... |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|--|--|-----------------|---|--|-------------------------|--|------------|-----------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating, maintenance and administrative expenses | Interest | Renewals |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Wheatley..... | 50.00 | 48.00 | 39,308.93 | 106.6 | 57.16 | 1,212.05 | 1,887.16 | 366.68 |
| Windsor..... | 29.00 | 28.00 | 5,861,614.00 | 23,532.2 | 12,618.21 | 132,414.15 | 285,116.26 | 38,575.11 |
| Woodbridge.... | 36.00 | 37.00 | 59,745.51 | 211.7 | 113.52 | 2,036.15 | 2,871.76 | 463.82 |
| Woodstock..... | | 27.00 | 964,958.52 | 4,445.9 | 2,383.94 | 27,233.37 | 47,169.33 | 5,521.17 |
| Wyoming..... | | 54.00 | 22,776.95 | 49.9 | 26.76 | 688.85 | 1,081.50 | 238.10 |
| York East twp.... | | 35.00 | 704,937.32 | 2,924.8 | 1,568.31 | 40,209.27 | 34,480.16 | 4,023.27 |
| York North twp. | 35.00 | 35.00 | 237,133.93 | 935.1 | 501.41 | 7,860.16 | 11,549.85 | 1,479.02 |
| Zurich..... | | 65.00 | 39,550.95 | 74.7 | 40.05 | 1,004.32 | 1,883.45 | 447.70 |
| Sandwich, Windsor and Amherstburg Railway..... | | | 891,934.87 | 3,484.8 | 1,868.59 | 20,664.67 | 43,556.70 | 6,072.56 |
| Toronto Transportation Comm. | | | 796,374.26 | 2,759.4 | 1,479.62 | 30,322.34 | 38,352.27 | 5,854.70 |
| RURAL POWER DISTRICTS | | | | | | | | |
| Acton R.P.D.—Esquesing twp. | | | 252.22 | 0.9 | 0.48 | 6.81 | 12.27 | 1.96 |
| Amherstburg R.P.D.—Anderdon, Malden, Colchester N. and Colchester S. twps. | | | 126,461.30 | 397.5 | 213.14 | 3,838.36 | 6,015.22 | 1,039.17 |
| Aylmer R.P.D.—Dorchester S., Malahide, Yarmouth, Bayham and Dorchester N. twps. | | | 40,628.31 | 128.9 | 69.12 | 1,606.00 | 1,961.40 | 349.28 |
| Ayr R.P.D.—Dumfries N. and Blenheim twps. | | | 2,446.98 | 8.6 | 4.61 | 62.33 | 118.50 | 19.41 |
| Baden R.P.D.—Wilmot, Zorra E., Easthope S., Easthope N., Wellesley, Waterloo and Blenheim twps. | | | 36,943.68 | 133.3 | 71.47 | 1,085.85 | 1,792.81 | 285.46 |
| Beamsville R.P.D.—Grimsby N., Gainsborough, Clinton and Louth twps. | | | 117,261.12 | 459.0 | 246.12 | 3,384.17 | 5,695.77 | 852.26 |
| Belle River R.P.D.—Maidstone and Rochester twps. | | | 50,342.06 | 170.0 | 91.15 | 1,393.88 | 2,431.40 | 399.13 |
| Blenheim R.P.D.—Raleigh and Harwich twps. | | | 27,231.71 | 87.3 | 46.81 | 1,025.70 | 1,281.27 | 216.54 |
| Bond Lake R.P.D.—King, Vaughan, Markham and Whitchurch twps. | | | 96,525.47 | 351.4 | 188.42 | 3,900.63 | 4,685.08 | 661.36 |
| Bothwell R.P.D.—Ekfrid, Zone, Oxford, Aldboro and Mosa twps. | | | 41,834.89 | 121.9 | 65.37 | 1,768.93 | 2,037.00 | 381.61 |
| Brampton R.P.D.—Chingua-cousy and Toronto twps. | | | 11,172.68 | 43.2 | 23.16 | 639.35 | 542.76 | 79.28 |
| Brant R.P.D.—Brantford, Burford, Blenheim, Dumfries S. Onondaga and Oakland twps. | | | 50,661.67 | 206.3 | 110.61 | 2,577.66 | 2,456.75 | 341.14 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertain-supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|------------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 558.21 | 410.91 | 4,492.17 | 2.89 | 4,489.28 | 5,154.95 | 665.67 | ..... |
| 98,711.93 | 60,969.39 | 628,405.05 | 637.55 | 627,767.50 | 663,234.25 | 35,466.75 | ..... |
| 957.28 | 622.61 | 7,065.14 | 5.74 | 7,059.40 | 7,797.68 | 738.28 | ..... |
| 16,977.70 | 10,013.31 | 109,298.82 | 120.45 | 109,178.37 | 120,039.76 | 10,861.39 | ..... |
| 306.67 | 238.62 | 2,580.50 | 1.35 | 2,579.15 | 2,692.80 | 113.65 | ..... |
| 11,467.67 | 7,322.96 | 99,071.64 | 79.24 | 98,992.40 | 102,367.95 | 3,375.55 | ..... |
| 3,835.15 | 2,461.36 | 27,686.95 | 25.33 | 27,661.62 | 31,955.15 | 4,293.53 | ..... |
| 488.67 | 417.63 | 4,281.82 | 2.02 | 4,279.80 | 4,854.38 | 574.58 | ..... |
| 14,856.87 | 9,281.49 | 96,300.88 | 94.41 | 96,206.47 | 107,188.69 | 10,982.22 | ..... |
| 12,102.27 | 8,291.14 | 96,402.34 | 74.76 | 96,327.58 | 105,426.28 | 9,098.70 | ..... |
| 4.04 | 2.62 | 28.18 | 0.02 | 28.16 | 28.16 | see page | 151 |
| 1,958.15 | 1,301.93 | 14,365.97 | 10.77 | 14,355.20 | 14,355.20 | see page | 151 |
| 629.31 | 424.05 | 5,039.16 | 3.50 | 5,035.66 | 5,035.66 | see page | 151 |
| 39.03 | 25.47 | 269.35 | 0.23 | 269.12 | 269.12 | see page | 151 |
| 607.38 | 385.31 | 4,228.28 | 3.61 | 4,224.67 | 4,224.67 | see page | 151 |
| 1,881.27 | 1,220.19 | 13,279.78 | 12.44 | 13,267.34 | 13,267.34 | see page | 151 |
| 809.89 | 525.00 | 5,650.45 | 4.60 | 5,645.85 | 5,645.85 | see page | 151 |
| 418.32 | 275.53 | 3,264.17 | 2.37 | 3,261.80 | 3,261.80 | see page | 151 |
| 1,499.58 | 1,004.75 | 11,939.82 | 9.52 | 11,930.30 | 11,930.30 | see page | 151 |
| 635.39 | 440.33 | 5,328.63 | 3.31 | 5,325.32 | 5,325.32 | see page | 151 |
| 183.64 | 115.68 | 1,583.87 | 1.17 | 1,582.70 | 1,582.70 | see page | 151 |
| 865.64 | 523.57 | 6,875.37 | 5.59 | 6,869.78 | 6,869.78 | see page | 151 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Rural Power District | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|---|---|--|-------------------------|---|----------|----------|
| | | | | Operating maintenance and administrative expenses | Interest | Renewals |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Brigden R.P.D.—Moore, Som- bra twps. | 9,323.00 | 16.3 | 8.74 | 263.07 | 442.42 | 105.68 |
| Burford R.P.D.—Burford, Brantford and Oakland twps. | 18,173.07 | 57.5 | 30.83 | 510.75 | 887.39 | 159.59 |
| Caledonia R.P.D.—Ancaster, Glandford, Oneida, Binbrook, Caistor and Barton twps. | 18,684.30 | 81.2 | 43.54 | 925.65 | 913.64 | 117.21 |
| Chatham R.P.D.—Dover, Chatham, Raleigh and Har- wich twps. | 52,176.36 | 202.0 | 108.31 | 1,536.62 | 2,535.62 | 366.48 |
| Chippawa R.P.D.—Willough- by and Bertie twps. | 19,059.70 | 90.8 | 48.69 | 715.88 | 930.22 | 109.78 |
| Clinton R.P.D.—Goderich and Stanley twps. | 8,124.54 | 14.7 | 7.88 | 151.17 | 281.50 | 57.77 |
| Delaware R.P.D.—Delaware, Westminster, Caradoc, Ek- frid, Lobo and London twps. | 41,366.25 | 145.7 | 78.13 | 1,925.61 | 2,001.34 | 326.69 |
| Dorchester R.P.D.—London, Nissouri E., Nissouri W., Oxford N., Dorchester N., Dorchester S., Westminster and Yarmouth twps. | 61,887.47 | 219.1 | 117.48 | 2,509.23 | 2,977.50 | 483.74 |
| Dresden R.P.D.—Camden, and Chatham twps. | 35.22 | 0.1 | 0.05 | 1.51 | 1.72 | 0.32 |
| Drumbo R.P.D.—Blenheim, Burford and Blandford twps. | 20,397.67 | 46.1 | 24.72 | 589.88 | 953.09 | 207.72 |
| Dundas R.P.D.—Flamboro W., Beverley, Ancaster and Flam- boro E. twps. | 66,728.85 | 290.5 | 155.77 | 1,618.85 | 3,258.51 | 417.54 |
| Dunnville R.P.D.—Moulton tpw. | 254.97 | 1.1 | 0.59 | 8.30 | 12.56 | 1.69 |
| Dutton R.P.D.—Dunwich and Aldboro twps. | 5,622.97 | 19.7 | 10.56 | 282.94 | 273.31 | 44.56 |
| Elmira R.P.D.—Woolwich tpw. | 5,606.35 | 19.8 | 10.62 | 131.96 | 272.40 | 44.10 |
| Elora R.P.D.—Pilkington, Nichol, Garafraxa W. and Peel twps. | 9,811.30 | 33.6 | 18.01 | 419.09 | 471.48 | 79.72 |
| Essex R.P.D.—Sandwich S., Maidstone, Rochester, Col- chester N., Gosfield N. and Gosfield S. twps. | 30,223.53 | 103.4 | 55.44 | 794.87 | 1,463.07 | 236.76 |
| Exeter R.P.D.—Hay, Stephen, Usborne, Tuckersmith and Bosanquet twps. | 48,200.73 | 138.1 | 74.05 | 1,801.86 | 2,328.15 | 448.61 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|----------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 120.14 | 97.52 | 1,037.57 | 0.44 | 1,037.13 | 1,037.13 | see page | 151 |
| 285.06 | 191.21 | 2,064.83 | 1.56 | 2,063.27 | 2,063.27 | see page | 151 |
| 324.35 | 193.80 | 2,518.19 | 2.20 | 2,515.99 | 2,515.99 | see page | 151 |
| 879.00 | 543.07 | 5,969.10 | 5.47 | 5,963.63 | 5,963.63 | see page | 151 |
| 335.80 | 197.63 | 2,338.00 | 2.46 | 2,335.54 | 2,335.54 | see page | 151 |
| 86.85 | 61.19 | 646.36 | 0.40 | 645.96 | 645.96 | see page | 151 |
| 661.40 | 430.95 | 5,424.12 | 3.95 | 5,420.17 | 5,420.17 | see page | 151 |
| 988.78 | 642.76 | 7,719.49 | 5.94 | 7,713.55 | 7,713.55 | see page | 151 |
| 0.52 | 0.37 | 4.49 | 0.01 | 4.48 | 4.48 | see page | 153 |
| 262.58 | 209.32 | 2,247.31 | 1.25 | 2,246.06 | 2,246.06 | see page | 153 |
| 1,163.81 | 692.04 | 7,306.52 | 7.87 | 7,298.65 | 7,298.65 | see page | 153 |
| 4.39 | 2.66 | 30.19 | 0.03 | 30.16 | 30.16 | see page | 153 |
| 90.39 | 58.61 | 760.37 | 0.53 | 759.84 | 759.84 | see page | 153 |
| 91.55 | 58.42 | 609.05 | 0.54 | 608.51 | 608.51 | see page | 153 |
| 154.12 | 102.35 | 1,244.77 | 0.91 | 1,243.86 | 1,243.86 | see page | 153 |
| 489.16 | 315.11 | 3,354.41 | 2.80 | 3,351.61 | 3,351.61 | see page | 153 |
| 697.42 | 506.01 | 5,856.10 | 3.74 | 5,852.36 | 5,852.36 | see page | 153 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Rural Power District | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|---|---|--|-------------------------|---|-----------|----------|
| | | | | Operating main-tenance and adminis-trative expenses | Interest | Renewals |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Forest R.P.D. —Warwick, Bos-anquet, Williams W. and Adelaide twps. | 1,793.31 | 2.9 | 1.56 | 53.46 | 85.28 | 20.90 |
| Galt R.P.D. —Dumfries N. and Dumfries S. twps. | 21,356.97 | 87.6 | 46.97 | 1,178.98 | 1,040.50 | 142.90 |
| Georgetown R.P.D. —Esques-ing and Chinguacousy twps. | 11,053.30 | 36.5 | 19.57 | 315.09 | 535.13 | 92.39 |
| Goderich R.P.D. —Colborne and Goderich twps. | 14,133.26 | 37.3 | 20.00 | 699.26 | 673.23 | 134.55 |
| Grantham R.P.D. —Grantham and Niagara twps. | 69,439.33 | 335.4 | 179.84 | 2,028.76 | 3,401.90 | 378.19 |
| Guelph R.P.D. —Guelph and Puslinch twps. | 11,215.38 | 49.1 | 26.33 | 496.68 | 547.79 | 69.14 |
| Haldimand R.P.D. —Walpole, Rainham, Cayuga N. and Oneida twps. | 6,555.71 | 16.4 | 8.79 | 185.58 | 313.49 | 65.55 |
| Harrow R.P.D. —Colchester S. and Malden twps. | 49,689.65 | 162.6 | 87.18 | 1,461.77 | 2,412.02 | 405.59 |
| Ingersoll R.P.D. —Dorchester N., Dereham, Oxford N., Zorra W. and Oxford W. twps. | 25,269.27 | 88.6 | 47.51 | 1,077.09 | 1,228.35 | 200.12 |
| Jordan R.P.D. —Louth and Thorold twps. | 9,337.53 | 43.7 | 23.43 | 256.25 | 456.35 | 53.63 |
| Keswick R.P.D. —Georgina and Gwillimbury N. twps. | 48,439.33 | 164.8 | 88.37 | 2,530.04 | 2,337.27 | 356.07 |
| Kingsville R.P.D. —Gosfield N., Gosfield S., Mersey and Romney twps. | 104,774.01 | 338.2 | 181.35 | 3,208.64 | 5,032.83 | 863.39 |
| Listowel R.P.D. —Wallace and Elma twps. | 13,554.83 | 46.1 | 24.72 | 423.28 | 652.46 | 107.39 |
| London R.P.D. —Westminster, Delaware and London twps. ... | 209,078.64 | 813.8 | 436.37 | 7,754.64 | 10,165.07 | 1,493.06 |
| Lucan R.P.D. —Stephen, London, McGillivray and Bid-dulph twps. | 9,839.25 | 35.0 | 18.76 | 584.45 | 479.16 | 77.35 |
| Lynden R.P.D. —Beverly, An-caster, Brantford and Dum-fries S. twps. | 28,038.46 | 85.5 | 45.85 | 839.54 | 1,347.26 | 249.32 |
| Markham R.P.D. —Markham, Scarboro, Pickering and Whitchurch twps. | 44,892.29 | 143.0 | 76.68 | 1,052.02 | 2,168.18 | 353.62 |
| Milton R.P.D. —Nassagaweya, Esquesing, Trafalgar and Nel-son twps. | 16,591.60 | 60.5 | 32.44 | 810.15 | 807.99 | 126.38 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|-----------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 21.50 | 18.83 | 201.53 | 0.08 | 201.45 | 201.45 | see page | 153 |
| 365.90 | 221.54 | 2,996.79 | 2.37 | 2,994.42 | 2,994.42 | see page | 153 |
| 169.26 | 115.24 | 1,246.68 | 0.99 | 1,245.69 | 1,245.69 | see page | 153 |
| 196.36 | 146.81 | 1,870.21 | 1.01 | 1,869.20 | 1,869.20 | see page | 153 |
| 1,215.18 | 719.94 | 7,923.81 | 9.09 | 7,914.72 | 7,914.72 | see page | 153 |
| 195.59 | 116.32 | 1,451.85 | 1.33 | 1,450.52 | 1,450.52 | see page | 153 |
| 92.24 | 68.55 | 734.20 | 0.44 | 733.76 | 733.76 | see page | 153 |
| 777.32 | 518.88 | 5,662.76 | 4.40 | 5,658.36 | 5,658.36 | see page | 153 |
| 406.13 | 262.92 | 3,222.12 | 2.40 | 3,219.72 | 3,219.72 | see page | 153 |
| 163.16 | 96.86 | 1,049.68 | 1.18 | 1,048.50 | 1,048.50 | see page | 153 |
| 734.32 | 503.43 | 6,549.50 | 4.46 | 6,545.04 | 6,545.04 | see page | 153 |
| 1,660.42 | 1,093.12 | 12,039.75 | 9.16 | 12,030.59 | 12,030.59 | see page | 153 |
| 215.57 | 140.09 | 1,563.51 | 1.25 | 1,562.26 | 1,562.26 | see page | 153 |
| 3,526.89 | 2,174.25 | 25,550.28 | 22.05 | 25,528.23 | 25,528.23 | see page | 155 |
| 158.13 | 102.74 | 1,420.59 | 0.94 | 1,419.65 | 1,419.65 | see page | 155 |
| 415.16 | 292.43 | 3,189.56 | 2.31 | 3,187.25 | 3,187.25 | see page | 155 |
| 670.52 | 468.17 | 4,789.19 | 3.87 | 4,785.32 | 4,785.32 | see page | 155 |
| 264.70 | 172.78 | 2,214.44 | 1.64 | 2,212.80 | 2,212.80 | see page | 155 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Rural Power District | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|---|---|--|-------------------------|---|----------|----------|
| | | | | Operating maintenance and administrative expenses | Interest | Renewals |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Milverton R.P.D.—Mornington twp..... | 7,022.82 | 25.2 | 13.51 | 202.09 | 339.35 | 52.88 |
| Mitchell R.P.D.—Ellice, Logan and Elma twps..... | 29,924.77 | 88.7 | 47.56 | 757.18 | 1,433.34 | 264.51 |
| Newmarket R.P.D.—Gwillimbury E., King and Whitchurch twps..... | 50,016.61 | 166.2 | 89.12 | 1,757.27 | 2,390.89 | 367.67 |
| Niagara R.P.D.—Niagara twp. | 92,474.99 | 478.4 | 256.51 | 2,952.61 | 4,567.02 | 458.08 |
| Norwich R.P.D.—Norwich N., Norwich S., Dereham, Oxford E., Burford and Windham twps..... | 49,902.63 | 188.0 | 100.81 | 2,039.70 | 2,410.27 | 370.44 |
| Oil Springs R.P.D.—Enniskillen, Dawn and Brooke twps.. | 14,212.64 | 38.9 | 20.86 | 543.92 | 683.88 | 132.28 |
| Palmerston R.P.D.—Maryborough, Wallace and Minto twps..... | 858.89 | 2.8 | 1.50 | 25.66 | 41.38 | 7.06 |
| Petrolia R.P.D.—Plympton and Enniskillen twps..... | 1,827.65 | 4.9 | 2.63 | 59.18 | 87.10 | 17.22 |
| Preston R.P.D.—Waterloo, Puslinch, Dumfries N. and Woolwich twps..... | 114,622.66 | 460.4 | 246.87 | 3,107.79 | 5,576.01 | 790.44 |
| Ridgetown R.P.D.—Howard, Oxford, Harwich, Aldborough and Rondeau Park twps..... | 62,427.69 | 146.0 | 78.29 | 2,553.02 | 2,391.68 | 446.24 |
| St. Jacobs R.P.D.—Wellesley and Woolwich twps..... | 37,350.09 | 137.6 | 73.78 | 1,053.37 | 1,808.92 | 282.18 |
| St. Mary's R.P.D.—Fullarton, Usborne, Blanshard and Downie twps..... | 18,792.20 | 45.1 | 24.18 | 417.11 | 597.93 | 91.10 |
| St. Thomas R.P.D.—Southwold, Yarmouth, Westminster and Dunwich twps..... | 85,286.86 | 327.7 | 175.72 | 3,459.66 | 4,124.33 | 609.67 |
| Saltfleet R.P.D.—Saltfleet, Barton, Binbrook and Grimsby N. twps..... | 101,357.53 | 428.9 | 229.98 | 2,696.10 | 4,916.68 | 659.19 |
| Sandwich R.P.D.—Sandwich W., Sandwich E., Sandwich S., Maidstone, Anderdon and Colchester N. twps..... | 193,919.40 | 732.9 | 392.99 | 4,986.23 | 9,413.48 | 1,371.20 |
| Sarnia R.P.D.—Sarnia, Moore and Plympton twps..... | 100,564.85 | 326.8 | 175.24 | 4,287.90 | 4,862.97 | 827.64 |
| Scarboro R.P.D.—Scarboro, Pickering and York N. twps. | 18,321.28 | 67.6 | 36.25 | 1,564.28 | 891.55 | 123.53 |
| Seaforth R.P.D.—Tuckersmith and McKillop twps..... | 14,774.43 | 47.8 | 25.63 | 503.04 | 695.85 | 117.00 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment of the actual cost of power by annual adjustment

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|-----------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 114.14 | 72.49 | 794.46 | 0.68 | 793.78 | 793.78 | see page | 155 |
| 480.72 | 310.17 | 3,293.48 | 2.40 | 3,291.08 | 3,291.08 | see page | 155 |
| 763.30 | 513.72 | 5,881.97 | 4.50 | 5,877.47 | 5,877.47 | see page | 155 |
| 1,643.40 | 956.84 | 10,834.47 | 12.95 | 10,821.52 | 10,821.52 | see page | 155 |
| 809.94 | 519.56 | 6,250.72 | 5.09 | 6,245.63 | 6,245.63 | see page | 155 |
| 220.44 | 148.58 | 1,749.96 | 1.05 | 1,748.91 | 1,748.91 | see page | 155 |
| 13.33 | 8.89 | 97.82 | 0.08 | 97.74 | 97.74 | see page | 155 |
| 27.02 | 19.10 | 212.25 | 0.13 | 212.12 | 212.12 | see page | 155 |
| 1,976.65 | 1,192.06 | 12,889.82 | 12.47 | 12,877.35 | 12,877.35 | see page | 155 |
| 751.43 | 519.82 | 6,740.48 | 3.96 | 6,736.52 | 6,736.52 | see page | 155 |
| 623.47 | 388.97 | 4,230.69 | 3.73 | 4,226.96 | 4,226.96 | see page | 155 |
| 207.32 | 127.52 | 1,465.16 | 1.23 | 1,463.93 | 1,463.93 | see page | 155 |
| 1,447.53 | 882.66 | 10,699.57 | 8.88 | 10,690.69 | 10,690.69 | see page | 155 |
| 1,755.82 | 1,051.63 | 11,309.40 | 11.62 | 11,297.78 | 11,297.78 | see page | 155 |
| 3,246.01 | 2,018.06 | 21,427.97 | 19.86 | 21,408.11 | 21,408.11 | see page | 155 |
| 1,623.74 | 1,049.15 | 12,826.64 | 8.85 | 12,817.79 | 12,817.79 | see page | 155 |
| 286.57 | 190.69 | 3,092.87 | 1.83 | 3,091.04 | 3,091.04 | see page | 155 |
| 222.21 | 149.22 | 1,712.95 | 1.30 | 1,711.65 | 1,711.65 | see page | 157 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Rural Power District | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|---|---|--|-------------------------|---|----------|----------|
| | | | | Operating main-tenance and adminis-trative expenses | Interest | Renewals |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Simcoe R.P.D.—Woodhouse, Charlotteville, Windham and Townsend twps. | 24,508.45 | 95.4 | 51.15 | 921.19 | 1,196.57 | 176.79 |
| Stamford R.P.D.—Stamford and Thorold twps. | 16,200.23 | 91.0 | 48.79 | 407.33 | 801.17 | 66.38 |
| Stratford R.P.D.—Ellice and Downie twps. | 35,463.28 | 143.9 | 77.16 | 1,008.58 | 1,709.31 | 232.14 |
| Strathroy R.P.D.—Adelaide and Metcalfe twps. | 5,453.08 | 19.5 | 10.46 | 410.66 | 264.08 | 42.08 |
| Streetsville R.P.D.—Toronto, Trafalgar, Esquesing and Chinguacousy twps. | 20,400.77 | 79.9 | 42.84 | 874.22 | 995.96 | 144.17 |
| Tavistock R.P.D.—Easthope N., Easthope S. and Zorra E. twps. | 21,027.54 | 73.5 | 39.41 | 595.28 | 1,004.61 | 160.58 |
| Thamesville R.P.D.—Camden, Euphemia, Zone, Orford, Howard and Chatham twps. | 11,910.11 | 39.6 | 21.23 | 503.74 | 580.12 | 97.47 |
| Tilbury R.P.D.—Dover, Tilbury E., Tilbury W., Tilbury N., Raleigh and Romney twps. | 24,169.10 | 72.3 | 38.77 | 980.22 | 1,165.85 | 212.07 |
| Tillsonburg R.P.D.—Norwich S., Bayham, Dorchester S., Malahide, Dereham, Middleton and Norwich N. twps. | 54,693.16 | 180.2 | 96.63 | 2,374.07 | 2,625.18 | 458.35 |
| Wallaceburg R.P.D.—Dover, Chatham and Sombra twps. | 36,347.12 | 122.3 | 65.58 | 1,005.63 | 1,752.02 | 293.44 |
| Walsingham R.P.D.—Walsingham S. and Charlotteville twps. | 23,448.15 | 35.7 | 19.14 | 592.16 | 1,113.40 | 280.92 |
| Walton R.P.D.—Wawanosh W., Wawanosh E., Morris, Grey, Hullett and McKillop twps. | 15,269.12 | 37.0 | 19.84 | 446.60 | 728.63 | 152.28 |
| Waterdown R.P.D.—Flamboro E., Flamboro W. and Nelson twps. | 62,211.38 | 235.1 | 126.06 | 1,827.61 | 2,956.55 | 440.37 |
| Waterford R.P.D.—Windham and Townsend twps. | 16,343.02 | 60.1 | 32.23 | 484.68 | 795.06 | 125.00 |
| Welland R.P.D.—Bertie, Pelham, Thorold, Crowland, Wainfleet and Humberstone twps. | 182,578.46 | 797.6 | 427.68 | 7,956.37 | 8,913.93 | 1,183.77 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertainment supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|-----------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 405.78 | 255.47 | 3,006.95 | 2.58 | 3,004.37 | 3,004.37 | see page | 157 |
| 298.77 | 167.44 | 1,789.88 | 2.47 | 1,787.41 | 1,787.41 | see page | 157 |
| 602.95 | 364.94 | 3,995.08 | 3.90 | 3,991.18 | 3,991.18 | see page | 157 |
| 84.26 | 56.53 | 868.07 | 0.53 | 867.54 | 867.54 | see page | 157 |
| 343.01 | 212.23 | 2,612.43 | 2.16 | 2,610.27 | 2,610.27 | see page | 157 |
| 337.48 | 215.89 | 2,353.25 | 1.99 | 2,351.26 | 2,351.26 | see page | 157 |
| 190.93 | 124.44 | 1,517.93 | 1.07 | 1,516.86 | 1,516.86 | see page | 157 |
| 364.87 | 251.63 | 3,013.41 | 1.96 | 3,011.45 | 3,011.45 | see page | 157 |
| 854.65 | 570.51 | 6,979.39 | 4.88 | 6,974.51 | 6,974.51 | see page | 157 |
| 581.70 | 379.04 | 4,077.41 | 3.31 | 4,074.10 | 4,074.10 | see page | 157 |
| 280.37 | 246.35 | 2,532.34 | 0.97 | 2,531.37 | 2,531.37 | see page | 157 |
| 209.53 | 158.83 | 1,715.71 | 1.00 | 1,714.71 | 1,714.71 | see page | 157 |
| 1,003.13 | 631.99 | 6,985.71 | 6.37 | 6,979.34 | 6,979.34 | see page | 157 |
| 271.02 | 170.51 | 1,878.50 | 1.62 | 1,876.88 | 1,876.88 | see page | 157 |
| 3,057.25 | 1,896.36 | 23,435.36 | 21.61 | 23,413.75 | 23,413.75 | see page | 157 |

NIAGARA

Statement showing the amount to be paid by each Municipality as the Cost (under the Power the Commission from each Municipality on account of such cost; and the amount ment (by annual adjustment) of the actual cost of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|--|---|--|-------------------------|---|--------------|------------|
| | | | | Operating, main-tenance and administrative expenses | Interest | Renewals |
| | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Woodbridge R.P.D.—Toronto, Vaughan, York N., Etobicoke, Toronto Gore, Albion, King and Chinguacousy twps. | 92,613.31 | 302.8 | 162.36 | 2,515.17 | 4,469.84 | 771.17 |
| Woodstock R.P.D. — Oxford W., Oxford N., Oxford E., Blandford, Zorra W. and Zorra E. twps. | 77,615.04 | 317.0 | 169.98 | 3,267.35 | 3,772.88 | 526.32 |
| Totals—Municipalities.. | 111,920,234.72 | 470,451.8 | 252,261.12 | 2,850,970.83 | 5,443,507.19 | 678,044.06 |
| Totals—Rural Power Districts..... | 3,426,399.80 | 12,551.8 | 6,730.34 | 119,569.56 | 164,796.20 | 25,375.73 |
| Totals—Companies..... | 43,172,131.49 | 223,119.2 | 119,638.79 | 1,279,229.11 | 2,145,743.73 | 204,239.91 |
| | 158,518,766.01 | | | | | |
| Non-operating capital.. | 262,673.65 | | | | | |
| Grand totals..... | 158,781,439.66 | 706,122.8 | 378,630.25 | 4,249,769.50 | 7,754,047.12 | 907,659.70 |

SYSTEM—Continued

COST OF POWER

Commission Act) of Power supplied to it by the Commission; the amount received by remaining to be credited or charged to each Municipality upon ascertain-supplied to it in the year ending October 31, 1928

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|---------------|---|--|---|--|----------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,425.29 | 966.17 | 10,310.00 | 8.20 | 10,301.80 | 10,301.80 | see page | 157 |
| 1,343.17 | 807.07 | 9,886.77 | 8.59 | 9,878.18 | 9,878.18 | see page | 159 |
| 1,870,546.90 | 1,161,825.54 | 12,257,155.64 | (12,745.84) | 12,244,409.80 | 12,976,432.64 | 741,869.51 | 9,846.67 |
| 55,282.51 | 35,374.88 | 407,129.22 | (340.02) | 406,789.20 | 406,789.20 | ..... | ..... |
| 770,110.27 | 446,512.70 | 4,965,474.51 | 13,085.86 | 4,978,560.37 | 4,978,560.37 | ..... | ..... |
| 2,695,939.68 | 1,643,713.12 | 17,629,759.37 | ..... | 17,629,759.37 | 18,361,782.21 | ..... | ..... |

NIAGARA SYSTEM—

Statement showing the costs of distribution of power within each Rural Power the amounts remaining to be credited to certain districts or charged to the adjustment) of the actual costs in the

| Rural power districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table |
|---|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Acton R.P.D.—Esquesing twp. | 2,865.69 | 1,432.84 | 1,432.85 | 28.16 |
| Amherstburg R.P.D.—Anderdon, Malden, Colchester N. and Colchester S. twps. | 81,876.21 | 40,938.11 | 40,938.10 | 14,355.20 |
| *Aylmer R.P.D.—Dorchester S., Malahide, Yarmouth, Bayham and Dorchester N. twps. | 113,971.74 | 56,238.47 | 57,733.27 | 5,035.66 |
| Ayr R.P.D.—Dumfries N. and Blenheim twps. | 11,591.63 | 5,795.82 | 5,795.81 | 269.12 |
| *Baden R.P.D.—Wilmot, Zorra E., Easthope S., Easthope N., Wellesley, Waterloo and Blenheim twps. | 82,337.84 | 40,958.64 | 41,379.20 | 4,224.67 |
| Beamsville R.P.D.—Grimsby N., Gainsboro, Clinton and Louth twps. | 197,281.32 | 98,533.10 | 98,748.22 | 13,267.34 |
| Belle River R.P.D.—Maidstone and Rochester twps. | 56,124.19 | 28,062.09 | 28,062.10 | 5,645.85 |
| *Blenheim R.P.D.—Raleigh and Harwich twps. | 55,409.20 | 26,560.23 | 28,848.97 | 3,261.80 |
| *Bond Lake R.P.D.—King, Vaughan, Markham and Whitchurch twps. | 129,811.28 | 64,169.37 | 65,641.91 | 11,930.30 |
| *Bothwell R.P.D.—Ekfrid, Zone, Oxford, Aldboro and Mosa twps. | 32,924.86 | 16,369.04 | 16,555.82 | 5,325.32 |
| Brampton R.P.D.—Chinguacousy and Toronto twps. | 59,583.73 | 29,791.86 | 29,791.87 | 1,582.70 |
| *Brant R.P.D.—Brantford, Burford, Blenheim, Dumfries S., Onondaga and Oakland twps. | 88,751.27 | 43,861.94 | 44,889.33 | 6,869.78 |
| Brigden R.P.D.—Moore and Sombra twps. | 30,432.04 | 15,216.02 | 15,216.02 | 1,037.13 |
| Burford R.P.D.—Burford, Brantford and Oakland twps. | 26,380.71 | 13,190.35 | 13,190.36 | 2,063.27 |
| Caledonia R.P.D.—Ancaster, Glandford, Oneida, Binbrook, Caister and Barton twps. | 62,506.52 | 31,253.26 | 31,253.26 | 2,515.99 |
| Chatham R.P.D.—Dover, Chatham, Raleigh and Harwich twps. | 140,811.04 | 70,405.52 | 70,405.52 | 5,963.63 |
| Chippawa R.P.D.—Willoughby and Bertie twps. | 36,503.61 | 18,251.80 | 18,251.81 | 2,335.54 |
| Clinton R.P.D.—Goderich and Stanley twps. | 46,097.81 | 23,048.90 | 23,048.91 | 645.96 |
| *Delaware R.P.D.—Delaware, Westminster, Caradoc, Ekfrid, Lobo and London twps. | 135,219.88 | 67,255.78 | 67,964.10 | 5,420.17 |
| *Dorchester R.P.D.—London, Nissouri W., Nissouri E., Oxford N., Dorchester N., Dorchester S., Westminster and Yarmouth twps. | 160,045.75 | 79,248.15 | 80,797.60 | 7,713.55 |

Note.—Items marked * include portions of transmission lines used for purposes of rural

RURAL POWER DISTRICTS

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each district, and Municipalities comprising certain other districts upon ascertainment (by annual year ending October 31, 1928

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|----------------|-----------------|---|---|----------------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| \$ c. 74.71 | \$ c. 53.36 | \$ c. 45.61 | \$ c. 68.41 | \$ c. 12.01 | \$ c. 282.26 | \$ c. 258.68 | \$ c. | \$ c. 23.58 |
| 7,690.66 | 1,740.68 | 1,487.68 | 2,231.52 | 391.63 | 27,897.37 | 28,963.80 | 1,066.43 | ..... |
| 6,080.67 | 2,549.20 | 2,148.99 | 3,223.48 | 573.59 | 19,611.59 | 20,516.57 | 904.98 | ..... |
| 396.55 | 264.59 | 226.13 | 339.20 | 59.53 | 1,555.12 | 2,008.13 | 453.01 | ..... |
| 3,039.54 | 1,865.96 | 1,586.40 | 2,379.61 | 419.83 | 13,516.01 | 14,591.49 | 1,075.48 | ..... |
| 7,258.55 | 4,240.02 | 3,623.40 | 5,435.10 | 953.96 | 34,778.37 | 36,486.46 | 1,708.09 | ..... |
| 3,319.43 | 1,141.82 | 975.86 | 1,463.79 | 256.90 | 12,803.65 | 16,429.58 | 3,625.93 | ..... |
| 2,978.34 | 1,175.65 | 960.01 | 1,440.02 | 264.58 | 10,080.40 | 11,405.23 | 1,324.83 | ..... |
| 11,861.34 | 2,660.72 | 2,244.76 | 3,367.12 | 598.68 | 32,662.92 | 36,601.83 | 3,938.91 | ..... |
| 1,696.78 | 597.70 | 507.12 | 760.68 | 134.49 | 9,022.09 | 9,821.49 | 799.40 | ..... |
| 1,289.28 | 1,028.93 | 879.38 | 1,319.07 | 231.50 | 6,330.86 | 6,542.63 | 211.77 | ..... |
| 3,002.15 | 1,808.35 | 1,525.10 | 2,287.65 | 406.89 | 15,899.92 | 14,997.52 | ..... | 902.40 |
| 541.83 | 611.26 | 522.42 | 783.62 | 137.52 | 3,633.78 | 3,522.63 | ..... | 111.15 |
| 1,083.78 | 547.48 | 467.91 | 701.87 | 123.18 | 4,987.49 | 5,529.24 | 541.75 | ..... |
| 1,805.76 | 1,157.50 | 989.26 | 1,483.89 | 260.42 | 8,212.82 | 7,961.87 | ..... | 250.95 |
| 5,560.47 | 2,786.93 | 2,381.87 | 3,572.80 | 627.03 | 20,892.73 | 21,622.48 | 729.75 | ..... |
| 1,069.65 | 774.11 | 661.60 | 992.40 | 174.17 | 6,007.47 | 6,780.76 | 773.29 | ..... |
| 477.18 | 357.21 | 305.30 | 457.94 | 80.37 | 2,323.96 | 1,960.81 | ..... | 363.15 |
| 6,235.64 | 2,943.92 | 2,501.97 | 3,752.96 | 662.37 | 21,517.03 | 20,492.50 | ..... | 1,024.53 |
| 7,231.42 | 3,604.27 | 3,049.63 | 4,574.43 | 810.97 | 26,984.27 | 24,647.77 | ..... | 2,336.50 |

ower districts.

NIAGARA SYSTEM—RURAL

Statement showing the costs of distribution of power within each Rural Power the amounts remaining to be credited to certain districts or charged to the adjustment) of the actual costs in the

| Rural power districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table |
|--|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Dresden R.P.D.—Camden and Chat-ham twps..... | 432.30 | 216.15 | 216.15 | 4.48 |
| *Drumbo R.P.D.—Blenheim, Burford and Blandford twps..... | 39,637.28 | 19,631.87 | 20,005.41 | 2,246.06 |
| Dundas R.P.D.—Flamboro W., Beverly, Ancaster and Flamboro E. twps. | 135,397.00 | 67,552.68 | 67,844.32 | 7,298.65 |
| Dunnville R.P.D.—Moulton twp..... | 3,243.16 | 1,621.58 | 1,621.58 | 30.16 |
| Dutton R.P.D.—Dunwich and Aldboro twps..... | 18,199.26 | 9,099.63 | 9,099.63 | 759.84 |
| Elmira R.P.D.—Woolwich twp..... | 7,086.71 | 3,543.35 | 3,543.36 | 608.51 |
| Elora R.P.D.—Pilkington, Nichol, Garafraxa W. and Peel twps..... | 18,053.30 | 9,026.65 | 9,026.65 | 1,243.86 |
| *Essex R.P.D.—Sandwich S., Maidstone, Rochester, Colchester N., Gosfield N. and Gosfield S. twps..... | 76,625.22 | 37,700.56 | 38,924.66 | 3,351.61 |
| *Exeter R.P.D.—Hay, Stephen, Usborne, Tuckersmith and Bosanquet twps..... | 82,280.20 | 40,772.56 | 41,507.64 | 5,852.36 |
| *Forest R.P.D.—Warwick, Bosanquet, Williams W. and Adelaide twps..... | 6,220.88 | 3,017.06 | 3,203.82 | 201.45 |
| Galt R.P.D.—Dumfries N. and Dumfries S. twps..... | 41,548.05 | 20,774.02 | 20,774.03 | 2,994.42 |
| Georgetown R.P.D.—Esquesing and Chinguacousy twps..... | 37,371.20 | 18,685.60 | 18,685.60 | 1,245.69 |
| Goderich R.P.D.—Colborne and Goderich twps..... | 5,515.11 | 2,757.56 | 2,757.55 | 1,869.20 |
| Grantham R.P.D.—Grantham and Niagara twps..... | 80,950.85 | 40,475.42 | 40,475.43 | 7,915.90 |
| Guelph R.P.D.—Guelph and Puslinch twps..... | 33,436.97 | 16,718.49 | 16,718.48 | 1,450.52 |
| *Haldimand R.P.D.—Walpole, Rainham, Cayuga N. and Oneida twps... | 19,815.72 | 9,674.40 | 10,141.32 | 733.76 |
| Harrow R.P.D.—Colchester S. and Malden twps..... | 71,407.09 | 35,703.54 | 35,703.55 | 5,658.36 |
| Ingersoll R.P.D.—Dorchester N., Dereham, Oxford N., Zorra W. and Oxford W. twps..... | 85,452.01 | 42,726.00 | 42,726.01 | 3,219.72 |
| Jordan R.P.D.—Louth and Thorold twps..... | 55,726.71 | 27,863.36 | 27,863.35 | 1,047.32 |
| *Keswick R.P.D.—Georgina and Gwillimbury twps..... | 60,101.23 | 28,869.13 | 31,232.10 | 6,545.04 |
| *Kingsville R.P.D.—Gosfield N., Gosfield S., Mersey and Romney twps... | 169,841.38 | 83,885.47 | 85,955.91 | 12,030.59 |
| Listowel R.P.D.—Wallace and Elma twps..... | 41,670.82 | 20,835.41 | 20,835.41 | 1,562.26 |

Note.—Items marked * include portions of transmission lines used for purposes of rural

POWER DISTRICTS—Continued

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each district, and Municipalities comprising certain other districts upon ascertainment (by annual year ending October 31, 1928

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|--------------|------------|---|---|---------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 11.41 | 0.98 | 0.84 | 1.26 | 0.22 | 19.19 | ..... | ..... | 19.19 |
| 1,354.89 | 768.78 | 649.62 | 974.43 | 172.98 | 6,166.76 | 6,195.59 | 28.83 | ..... |
| 3,465.47 | 3,062.56 | 2,611.61 | 3,917.41 | 689.03 | 21,044.73 | 22,734.73 | 1,690.00 | ..... |
| ..... | 17.92 | 15.32 | 22.98 | 4.03 | 90.41 | 75.50 | ..... | 14.91 |
| 160.10 | 365.33 | 312.23 | 468.35 | 82.20 | 2,148.05 | 2,659.05 | 511.00 | ..... |
| 271.58 | 165.61 | 141.54 | 212.31 | 37.26 | 1,436.81 | 1,704.82 | 268.01 | ..... |
| 1,085.44 | 402.72 | 344.19 | 516.28 | 90.61 | 3,683.10 | 3,721.78 | 38.68 | ..... |
| 2,915.61 | 1,704.28 | 1,432.24 | 2,148.36 | 383.48 | 11,935.58 | 13,277.45 | 1,341.87 | ..... |
| 5,256.41 | 1,669.47 | 1,412.21 | 2,118.32 | 375.63 | 16,684.40 | 16,278.55 | ..... | 405.85 |
| 114.92 | 149.36 | 123.93 | 185.90 | 33.61 | 809.17 | 896.89 | 87.72 | ..... |
| 1,875.67 | 954.98 | 816.18 | 1,224.27 | 214.86 | 8,080.38 | 9,450.66 | 1,370.28 | ..... |
| 1,408.83 | 842.19 | 719.78 | 1,079.67 | 189.48 | 5,485.64 | 6,865.09 | 1,379.45 | ..... |
| 481.84 | 122.84 | 104.99 | 157.48 | 27.64 | 2,763.99 | 2,509.60 | ..... | 254.39 |
| 3,530.99 | 1,830.00 | 1,564.02 | 2,346.03 | 411.73 | 17,598.67 | 17,677.52 | 78.85 | ..... |
| 865.06 | 674.12 | 576.14 | 864.21 | 151.67 | 4,581.72 | 4,688.18 | 106.46 | ..... |
| 1,126.31 | 440.72 | 367.38 | 551.07 | 99.17 | 3,318.41 | 3,861.34 | 542.93 | ..... |
| 5,075.86 | 1,532.60 | 1,309.55 | 1,964.77 | 344.82 | 15,886.26 | 16,647.93 | 761.67 | ..... |
| 3,838.70 | 1,379.55 | 1,179.04 | 1,768.56 | 310.38 | 11,695.95 | 11,037.50 | ..... | 658.45 |
| 1,593.82 | 1,184.13 | 1,012.03 | 1,518.04 | 266.42 | 6,621.76 | 7,278.90 | 657.14 | ..... |
| 5,136.61 | 1,436.34 | 1,180.63 | 1,770.93 | 323.24 | 16,392.79 | 18,021.02 | 1,628.23 | ..... |
| 10,847.53 | 3,308.95 | 2,788.32 | 4,182.49 | 744.54 | 33,902.42 | 37,192.54 | 3,290.12 | ..... |
| 2,158.42 | 907.86 | 775.91 | 1,163.86 | 204.26 | 6,772.57 | 7,202.96 | 430.39 | ..... |

power districts.

NIAGARA SYSTEM—RURAL

Statement showing the costs of distribution of power within each Rural Power the amounts remaining to be credited to certain districts or charged to the adjustment) of the actual costs in the

| Rural power districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table |
|---|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| London R.P.D.—Westminster, Delaware and London twps..... | 283,021.21 | 141,510.61 | 141,510.60 | 25,528.23 |
| *Lucan R.P.D.—Stephen, London, McGillivray and Biddulph twps.... | 45,931.13 | 22,922.30 | 23,008.83 | 1,419.65 |
| Lynden R.P.D.—Beverly, Ancaster, Brantford and Dumfries twps..... | 67,011.48 | 33,505.74 | 33,505.74 | 3,187.25 |
| *Markham R.P.D.—Markham, Scarboro, Pickering and Whitchurch twps. | 85,492.35 | 42,428.66 | 43,063.69 | 4,785.32 |
| Milton R.P.D.—Nassagaweya, Esquimaux, Trafalgar and Nelson twps..... | 48,654.90 | 24,327.45 | 24,327.45 | 2,212.80 |
| Milverton R.P.D.—Morningside twp.. | 24,384.38 | 12,192.19 | 12,192.19 | 793.78 |
| Mitchell R.P.D.—Ellice, Logan and Elma twps..... | 34,940.91 | 17,470.46 | 17,470.45 | 3,291.08 |
| *Newmarket R.P.D.—Gwillimbury E., King and Whitchurch twps..... | 31,019.30 | 15,151.15 | 15,868.15 | 5,877.47 |
| *Niagara R.P.D.—Niagara twp..... | 96,929.92 | 48,138.60 | 48,791.32 | 10,821.52 |
| *Norwich R.P.D.—Norwich N., Norwich S., Dereham, Oxford E., Burford and Windham twps..... | 115,089.99 | 56,058.46 | 59,031.53 | 6,245.63 |
| Oil Springs R.P.D.—Enniskillen, Dawn and Brooke twps..... | 18,936.92 | 9,468.46 | 9,468.46 | 1,748.91 |
| *Palmerston R.P.D.—Maryborough, Wallace and Minto twps..... | 1,117.76 | 325.42 | 792.34 | 97.74 |
| Petrolia R.P.D.—Plympton and Enniskillen twps..... | 6,277.20 | 3,138.60 | 3,138.60 | 212.12 |
| Preston R.P.D.—Waterloo, Puslinch, Dumfries N. and Woolwich twps.... | 182,581.63 | 91,290.82 | 91,290.81 | 12,877.35 |
| Ridgetown R.P.D.—Howard, Orford, Harwich, Aldborough and Rondeau Park twps..... | 129,688.60 | 64,844.30 | 64,844.30 | 6,736.52 |
| St. Jacobs R.P.D.—Wellesley and Woolwich twps..... | 41,892.10 | 20,946.05 | 20,946.05 | 4,226.96 |
| St. Marys R.P.D.—Fullerton, Usborne, Blanshard and Downie twps..... | 106,552.77 | 53,276.38 | 53,276.39 | 1,463.93 |
| St. Thomas R.P.D.—Southwold, Yarmouth, Westminster and Dunwich twps..... | 161,312.51 | 80,656.26 | 80,656.25 | 10,690.69 |
| Saltfleet R.P.D.—Saltfleet, Barton, Binbrook and Grimsby N. twps..... | 201,525.40 | 100,762.70 | 100,762.70 | 11,297.78 |
| *Sandwich R.P.D.—Sandwich W., Sandwich E., Sandwich S., Maidstone, Anderdon and Colchester N. twps.... | 235,685.38 | 117,776.29 | 117,909.09 | 21,408.11 |
| *Sarnia R.P.D.—Sarnia, Moore and Plympton twps..... | 150,125.36 | 72,544.96 | 77,580.40 | 12,817.79 |
| *Scarboro R.P.D.—Scarboro, Pickering and York N. twps..... | 67,508.98 | 33,477.80 | 34,031.18 | 3,091.04 |

Note.—Items marked * include portions of transmission lines used for purposes of rural

POWER DISTRICTS—Continued

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each district, and Municipalities comprising certain other districts upon ascertainment (by annual year ending October 31, 1928)

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|--------------|------------|---|---|-----------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | C charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 17,892.10 | 5,862.28 | 5,010.23 | 7,515.35 | 1,318.95 | 63,127.14 | 60,393.42 | ..... | 2,733.72 |
| 437.43 | 806.63 | 687.67 | 1,031.51 | 181.48 | 4,564.37 | 4,047.99 | ..... | 516.38 |
| 1,664.76 | 1,522.85 | 1,301.51 | 1,952.27 | 342.61 | 9,971.25 | 9,074.53 | ..... | 896.72 |
| 5,328.31 | 1,626.53 | 1,377.52 | 2,066.26 | 365.98 | 15,549.92 | 16,064.51 | 514.59 | ..... |
| 1,853.46 | 1,110.31 | 948.93 | 1,423.40 | 249.81 | 7,798.71 | 8,437.68 | 638.97 | ..... |
| 876.61 | 563.06 | 481.23 | 721.84 | 126.68 | 3,563.20 | 3,334.31 | ..... | 228.89 |
| 2,478.39 | 804.76 | 687.79 | 1,031.69 | 181.06 | 8,474.77 | 8,858.71 | 383.94 | ..... |
| 1,472.46 | 737.23 | 615.83 | 923.74 | 165.89 | 9,792.62 | 10,411.18 | 618.56 | ..... |
| 3,965.43 | 2,003.40 | 1,699.24 | 2,548.88 | 450.76 | 21,489.23 | 22,405.13 | 915.90 | ..... |
| 4,337.57 | 2,741.94 | 2,284.34 | 3,426.50 | 617.01 | 19,652.99 | 21,271.83 | 1,618.84 | ..... |
| 389.33 | 431.97 | 369.19 | 553.78 | 97.19 | 3,590.37 | 3,938.98 | 348.61 | ..... |
| 138.62 | 35.82 | 21.34 | 32.00 | 8.08 | 333.60 | 502.82 | 169.22 | ..... |
| 133.25 | 58.08 | 49.64 | 74.47 | 13.07 | 540.63 | 530.72 | ..... | 9.91 |
| 10,058.79 | 3,821.68 | 3,266.22 | 4,899.33 | 859.83 | 35,783.20 | 35,217.02 | ..... | 566.18 |
| 5,010.61 | 2,522.88 | 2,156.20 | 3,234.30 | 567.62 | 20,228.13 | 18,432.50 | ..... | 1,795.63 |
| 2,008.88 | 974.89 | 833.20 | 1,249.80 | 219.34 | 9,513.07 | 10,206.35 | 693.28 | ..... |
| 1,029.13 | 576.44 | 492.66 | 738.98 | 129.69 | 4,430.83 | 3,406.18 | ..... | 1,024.65 |
| 9,351.95 | 3,007.05 | 2,570.00 | 3,855.00 | 676.55 | 30,151.24 | 27,037.33 | ..... | 3,113.91 |
| 9,164.74 | 4,317.78 | 3,690.21 | 5,535.32 | 971.45 | 34,977.28 | 32,792.28 | ..... | 2,185.00 |
| 22,640.35 | 5,111.15 | 4,365.63 | 6,548.45 | 1,149.95 | 61,223.64 | 68,181.10 | 6,957.46 | ..... |
| 9,480.55 | 3,393.06 | 2,799.82 | 4,199.73 | 763.56 | 33,454.51 | 32,596.82 | ..... | 857.69 |
| 2,517.18 | 1,385.09 | 1,172.78 | 1,759.17 | 311.65 | 10,236.91 | 10,614.46 | 377.55 | ..... |

power districts.

NIAGARA SYSTEM—RURAL

Statement showing the costs of distribution of power within each Rural Power the amounts remaining to be credited to certain districts or charged to the adjustment) of the actual costs in the

| Rural power districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table |
|--|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Seaforth R.P.D.—Tuckersmith and McKillop twps..... | 11,791.40 | 5,395.84 | 6,395.56 | 1,711.65 |
| *Simcoe R.P.D.—Woodhouse, Charlotteville, Windham and Townsend twps..... | 49,118.87 | 23,644.67 | 25,474.20 | 3,004.37 |
| Stamford R.P.D.—Stamford and Thorold twps..... | 23,857.72 | 11,928.86 | 11,928.86 | 1,787.41 |
| Stratford R.P.D.—Elice and Downie twps..... | 39,588.12 | 19,536.12 | 20,052.00 | 3,991.18 |
| Strathroy R.P.D.—Adelaide and Metcalfe twps..... | 14,492.85 | 7,246.43 | 7,246.42 | 867.54 |
| Streetsville R.P.D.—Toronto, Trafalgar, Esquesing and Chinguacousy twps..... | 89,306.13 | 44,653.07 | 44,653.06 | 2,610.27 |
| Tavistock R.P.D.—Easthope N., Easthope S. and Zorra E. twps..... | 59,335.15 | 29,667.57 | 29,667.58 | 2,351.26 |
| Thamesville R.P.D.—Camden, Euphemia, Zone, Orford, Howard and Chatham twps..... | 37,324.71 | 18,662.36 | 18,662.35 | 1,516.86 |
| *Tilbury R.P.D.—Dover, Tilbury E., Tilbury W., Tilbury N., Raleigh and Romney twps..... | 57,855.48 | 28,499.91 | 29,355.57 | 3,011.45 |
| Tillsonburg R.P.D.—Norwich S., Bayham, Dorchester S., Malahide, Dereham, Middleton, Norwich N. twps.. | 142,754.72 | 71,377.36 | 71,377.36 | 6,974.51 |
| Wallaceburg R.P.D.—Dover, Chatham and Sombra twps..... | 84,430.87 | 42,215.43 | 42,215.44 | 4,074.10 |
| *Walsingham R.P.D. — Walsingham S. and Charlotteville twps..... | 17,157.73 | 8,392.10 | 8,765.63 | 2,531.37 |
| *Walton R.P.D.—Wawanosh W., Wawanosh E., McKillop, Morris, Grey, and Hullett twps..... | 40,490.88 | 19,838.77 | 20,652.11 | 1,714.71 |
| *Waterdown R.P.D.—Flamboro E., Flamboro W. and Nelson twps..... | 53,566.80 | 25,290.62 | 28,276.18 | 6,979.34 |
| Waterford R.P.D.—Windham and Townsend twps..... | 26,216.48 | 13,108.24 | 13,108.24 | 1,876.88 |
| *Welland R.P.D.—Bertie, Pelham, Thorold, Crowland, Wainfleet, and Humberstone twps..... | 274,881.23 | 137,126.25 | 137,754.98 | 23,413.75 |
| *Woodbridge R.P.D.—Toronto, Vaughan, York N., Etobicoke, Toronto Gore, Albion, King, Chinguacousy twps..... | 215,701.45 | 106,965.33 | 108,736.12 | 10,301.80 |

Note.—Items marked * include portions of transmission lines used for purposes of rural

POWER DISTRICTS—Continued

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each district, and Municipalities comprising certain other districts upon ascertainment (by annual year ending October 31, 1928

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|--------------|------------|---|---|---------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 960.61 | 173.78 | 136.86 | 205.29 | 39.10 | 3,227.29 | 3,339.76 | 112.47 | ..... |
| 2,100.17 | 925.37 | 760.70 | 1,141.06 | 208.25 | 8,139.92 | 8,439.52 | 299.60 | ..... |
| 2,641.71 | 537.96 | 459.77 | 689.66 | 121.04 | 6,237.55 | 7,418.86 | 1,181.31 | ..... |
| 3,400.77 | 841.04 | 708.48 | 1,062.73 | 189.22 | 10,193.42 | 9,609.34 | ..... | 584.08 |
| 527.21 | 305.51 | 261.10 | 391.66 | 68.74 | 2,421.76 | 3,193.70 | 771.94 | ..... |
| 2,739.08 | 1,831.35 | 1,565.18 | 2,347.77 | 412.03 | 11,505.68 | 11,679.42 | 173.74 | ..... |
| 1,933.32 | 1,002.40 | 856.71 | 1,285.06 | 225.53 | 7,654.28 | 7,188.61 | ..... | 465.67 |
| 1,202.74 | 494.81 | 422.90 | 634.35 | 111.33 | 4,382.99 | 3,755.47 | ..... | 627.52 |
| 1,591.26 | 1,067.52 | 895.36 | 1,343.04 | 240.21 | 8,148.84 | 8,700.54 | 551.70 | ..... |
| 4,778.64 | 3,060.96 | 2,616.07 | 3,924.10 | 688.68 | 22,042.96 | 22,884.23 | 841.27 | ..... |
| 3,975.13 | 1,513.87 | 1,293.84 | 1,940.76 | 340.60 | 13,138.30 | 14,497.25 | 1,358.95 | ..... |
| 477.35 | 403.95 | 337.81 | 506.72 | 90.89 | 4,348.09 | 4,816.53 | 468.44 | ..... |
| 1,449.23 | 579.14 | 478.80 | 718.21 | 130.32 | 5,070.41 | 4,214.91 | ..... | 855.50 |
| 2,384.53 | 1,226.09 | 988.55 | 1,482.85 | 275.96 | 13,337.32 | 16,782.41 | 3,445.09 | ..... |
| 859.27 | 602.74 | 515.14 | 772.70 | 135.61 | 4,762.34 | 4,696.49 | ..... | 65.85 |
| 17,954.70 | 5,909.26 | 5,037.82 | 7,556.72 | 1,329.51 | 61,201.76 | 62,412.36 | 1,210.60 | ..... |
| 8,755.39 | 4,761.52 | 4,034.25 | 6,051.38 | 1,071.35 | 34,975.69 | 37,021.02 | 2,045.33 | ..... |

power districts.

NIAGARA SYSTEM—RURAL

Statement showing the costs of distribution of power within each Rural Power amounts remaining to be credited to certain districts or charged to the adjustment) of the actual costs in the

| Rural power districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table |
|--|---|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Woodstock R.P.D.—Oxford W., Oxford N., Oxford E., Blandford, Zorra W., and Zorra E. twps. | 161,032.60 | 80,516.30 | 80,516.30 | 9,878.18 |
| | 6,175,122.14 | | 3,107,111.47 | |
| Non-operating capital. | 59,100.30 | | 59,100.30 | |
| Totals. | 6,234,222.44 | 3,068,010.67 | 3,166,211.77 | 406,789.20 |

Note.—Items marked * include portions of transmission lines used for purposes of rural power districts.

POWER DISTRICTS—Continued

RURAL OPERATING

istrict, the revenues collected from (or charged to) customers within each district, and the
unicipalities comprising certain other districts upon ascertainment (by annual
ear ending October 31, 1928

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the muni- cipalities comprising certain other districts | |
|--|---|--------------------|--|-----------------|---------------|---|---|-----------|
| Cost of operation, mainten- ance and adminis- tration | Interest on capital invest- ment | Renewal charges | Obsoles- cence and contin- gencies | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,318.24 | 3,422.03 | 2,924.64 | 4,386.97 | 769.91 | 27,699.97 | 26,696.46 | ..... | 1,003.51 |
| 101,548.45 | 126,905.13 | 107,703.56 | 161,555.34 | 28,553.37 | 1,133,055.05 | 1,166,221.80 | 57,062.61 | 23,895.86 |

Net Credit..... \$33,166.75

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--------------------|--------------------------|--|--------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Acton..... | Jan., 1913 | 1,598.12 | | | 1,598.12 |
| Agincourt..... | Nov., 1922 | | 130.47 | 130.47 | |
| Ailsa Craig..... | Jan., 1916 | 869.65 | | | 869.65 |
| Alvinston..... | April, 1922 | 221.49 | | | 221.49 |
| Amherstburg..... | Nov., 1925 | 2,763.13 | | | 2,763.13 |
| Ancaster twp..... | May, 1923 | 442.43 | | | 442.43 |
| Arkona..... | Dec., 1926 | | 324.51 | | |
| Aylmer..... | Mar., 1918 | 1,683.46 | | | 1,683.46 |
| Ayr..... | Jan., 1915 | 152.78 | | | 152.78 |
| Baden..... | May, 1912 | 1,200.36 | | | 1,200.36 |
| Barton twp..... | May, 1924 | | 500.62 | 1.86 | |
| Beachville..... | Aug., 1912 | 1,331.82 | | | 1,331.82 |
| Belle River..... | Dec., 1922 | 1,178.22 | | | 1,178.22 |
| Blenheim..... | Nov., 1915 | 878.88 | | | 878.88 |
| Blyth..... | July, 1924 | 331.23 | | | 331.23 |
| Bolton..... | Feb., 1915 | 1,070.64 | | | 1,070.64 |
| Bothwell..... | Sept., 1915 | 2,004.78 | | | 2,004.78 |
| Brampton..... | Nov., 1911 | 8,158.74 | | | 8,158.74 |
| Brantford..... | Feb., 1914 | 5,420.21 | | | 5,420.21 |
| Brantford twp..... | May, 1924 | 111.35 | | | 111.35 |
| Bridgeport..... | Mar., 1928 | | | | |
| Brigden..... | Jan., 1918 | 175.88 | | | 175.88 |
| Brussels..... | July, 1924 | 897.74 | | | 897.74 |
| Burford..... | June, 1915 | 859.48 | | | 859.48 |
| Burgessville..... | Nov., 1916 | 501.44 | | | 501.44 |
| Caledonia..... | Oct., 1912 | 256.40 | | | 256.40 |
| Campbellville..... | Jan., 1925 | 83.97 | | | 83.97 |
| Cayuga..... | Nov., 1924 | | 64.64 | 64.64 | |
| Chatham..... | Feb., 1915 | 5,151.30 | | | 5,151.30 |
| Chippawa..... | Sept., 1919 | 301.11 | | | 301.11 |
| Clifford..... | May, 1924 | 245.36 | | | 245.36 |
| Clinton..... | Mar., 1914 | 673.15 | | | 673.15 |
| Comber..... | May, 1915 | 402.14 | | | 402.14 |
| Cottam..... | Nov., 1926 | 204.26 | | | 204.26 |
| Courtright..... | Dec., 1923 | 268.70 | | | 268.70 |
| Dashwood..... | Sept., 1917 | 1,403.98 | | | 1,403.98 |
| Delaware..... | Mar., 1915 | 399.87 | | | 399.87 |
| Dorchester..... | Dec., 1914 | 1,408.23 | | | 1,408.23 |
| Drayton..... | Mar., 1918 | 621.22 | | | 621.22 |
| Dresden..... | April, 1915 | | 523.31 | 523.31 | |
| Drumbo..... | Dec., 1914 | 304.89 | | | 304.89 |
| Dublin..... | Oct., 1917 | 239.61 | | | 239.61 |
| Dundas..... | Jan., 1911 | 1,547.25 | | | 1,547.25 |
| Dunnville..... | June, 1918 | 1,056.79 | | | 1,056.79 |
| Dutton..... | Sept., 1915 | 240.93 | | | 240.93 |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|---------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 24.98 | | 1,381.58 | | 1,406.56 | |
| | 2.34 | | 247.36 | | 249.70 |
| 21.54 | | 487.31 | | 508.85 | |
| 4.31 | | | 260.57 | | 256.26 |
| 52.84 | | 2,309.62 | | 2,362.46 | |
| 11.25 | | 685.39 | | 696.64 | |
| | 12.98 | 626.21 | | 288.72 | |
| 32.38 | | 2,562.93 | | 2,595.31 | |
| 3.21 | | 377.85 | | 381.06 | |
| 14.03 | | 1,106.00 | | 1,120.03 | |
| | 19.98 | 814.50 | | 295.76 | |
| 31.53 | | 349.78 | | 381.31 | |
| 20.88 | | 542.78 | | 563.66 | |
| 15.46 | | 211.09 | | 226.55 | |
| 7.21 | | 225.71 | | 232.92 | |
| 23.06 | | 715.34 | | 738.40 | |
| 60.17 | | 157.84 | | 218.01 | |
| 85.49 | | 2,087.48 | | 2,172.97 | |
| 151.75 | | 15,337.19 | | 15,488.94 | |
| 1.87 | | 454.25 | | 456.12 | |
| | | 614.69 | | 614.69 | |
| 2.75 | | 1,531.19 | | 1,533.94 | |
| 16.15 | | 612.70 | | 628.85 | |
| 15.25 | | 1,386.61 | | 1,401.86 | |
| 12.56 | | 479.74 | | 492.30 | |
| 4.20 | | 194.22 | | 198.42 | |
| 1.68 | | 114.85 | | 116.53 | |
| | 1.24 | 18.21 | | 16.97 | |
| 87.83 | | 5,781.87 | | 5,869.70 | |
| 8.62 | | | 57.23 | | 48.61 |
| 5.28 | | 182.25 | | 187.53 | |
| 14.49 | | | 346.16 | | 331.67 |
| 8.66 | | | 770.94 | | 762.28 |
| 7.25 | | 363.46 | | 370.71 | |
| 5.86 | | 231.02 | | 236.88 | |
| 32.15 | | 525.48 | | 557.63 | |
| 11.27 | | 176.69 | | 187.96 | |
| 38.71 | | 452.49 | | 491.20 | |
| 12.08 | | | 334.06 | | 321.98 |
| | 8.64 | | 895.77 | | 904.41 |
| 6.95 | | 332.91 | | 339.86 | |
| 3.88 | | 305.05 | | 308.93 | |
| 25.53 | | 1,804.33 | | 1,829.86 | |
| 15.60 | | 3,854.33 | | 3,869.93 | |
| 4.28 | | 891.57 | | 895.85 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--------------------------------|--------------------------|--|-----------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Elmira..... | Nov., 1913 | 2,476.99 | | | 2,476.99 |
| Elora..... | Nov., 1914 | 922.39 | | | 922.39 |
| Embro..... | Jan., 1915 | | 57.20 | | 742.64 |
| Erieau..... | July, 1924 | 375.30 | | | 375.30 |
| Erie Beach..... | July, 1925 | 94.78 | | | 94.78 |
| Essex..... | Nov., 1923 | 1,996.43 | | | 1,996.43 |
| Etobicoke twp..... | Aug., 1917 | 4,172.06 | | | 4,172.06 |
| Exeter..... | June, 1916 | 2,415.37 | | | 2,415.37 |
| Fergus..... | Nov., 1914 | 1,418.43 | | | 1,418.43 |
| Fonthill..... | June, 1926 | 120.41 | | | 120.41 |
| Ford City..... | Nov., 1922 | 8,169.11 | | | 8,169.11 |
| Forest..... | Mar., 1917 | 2,914.09 | | | 2,892.69 |
| Galt..... | May, 1911 | 11,221.68 | | | 11,221.68 |
| Georgetown..... | Sept., 1913 | 2,034.74 | | | 2,034.74 |
| Glencoe..... | Aug., 1920 | 1,805.84 | | | 1,805.84 |
| Goderich..... | Feb., 1914 | 3,044.45 | | | 3,044.45 |
| Granton..... | July, 1916 | 1,137.34 | | | 1,137.34 |
| Guelph..... | Dec., 1910 | 10,874.61 | | | 10,874.61 |
| Hagersville..... | Sept., 1913 | 2,973.42 | | | 2,973.42 |
| Hamilton..... | Feb., 1911 | 19,224.66 | | | |
| Harriston..... | July, 1916 | 863.04 | | | 863.04 |
| Harrow..... | Nov., 1923 | 2,677.90 | | | 2,677.90 |
| Hensall..... | Jan., 1917 | 2,101.89 | | | 2,101.89 |
| Hespeler..... | Feb., 1911 | 2,588.39 | | | 2,588.39 |
| Highgate..... | Dec., 1916 | 634.00 | | | 634.00 |
| Humberstone..... | Oct., 1924 | 93.89 | | | 93.89 |
| Ingersoll..... | May, 1911 | 3,948.66 | | | 3,948.66 |
| Jarvis..... | Feb., 1924 | 1,250.36 | | | 1,250.36 |
| Kingsville..... | Nov., 1923 | 2,691.05 | | | 2,691.05 |
| Kitchener..... | Jan., 1911 | 8,278.90 | | | 8,278.90 |
| Lambeth..... | April, 1915 | 1,692.42 | | | 1,692.42 |
| La Salle..... | Nov., 1925 | 607.65 | | | 607.65 |
| Leamington..... | Nov., 1923 | 5,990.88 | | | 5,990.88 |
| Listowel..... | June, 1916 | 1,393.57 | | | 1,393.57 |
| London..... | Jan., 1911 | 19,985.57 | | | |
| London Railway Commission..... | Aug., 1914 | | 16,926.90 | 16,926.90 | |
| London twp..... | Jan., 1925 | 776.96 | | | 776.96 |
| Lucan..... | Feb., 1915 | 784.22 | | | 784.22 |
| Lynden..... | Nov., 1915 | 675.95 | | | 675.95 |
| Markham..... | April, 1920 | 956.60 | | | 956.60 |
| Merlin..... | Dec., 1922 | 1,303.18 | | | 1,303.18 |
| Merritton..... | Nov., 1920 | 263.86 | | | 263.86 |
| Milton..... | April, 1913 | 253.76 | | | 253.76 |
| Milverton..... | June, 1916 | 1,236.37 | | | 1,236.37 |
| Mimico..... | May, 1912 | 2,021.37 | | | 2,021.37 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 48.19 | | 1,674.57 | ..... | 1,722.76 | ..... |
| 15.02 | | 1,218.64 | ..... | 1,233.66 | ..... |
| ..... | 28.43 | 815.30 | ..... | ..... | 12.97 |
| 6.44 | | 133.80 | ..... | 140.24 | ..... |
| 2.33 | | | 22.96 | ..... | 20.63 |
| 48.77 | | 1,559.71 | ..... | 1,608.48 | ..... |
| 46.87 | | 5,003.44 | ..... | 5,050.31 | ..... |
| 43.39 | | 2,553.44 | ..... | 2,596.83 | ..... |
| 32.19 | | 1,277.15 | ..... | 1,309.34 | ..... |
| 2.22 | | | 8.62 | ..... | 6.40 |
| 134.81 | | 7,419.35 | ..... | 7,554.16 | ..... |
| 55.18 | | 1,023.94 | ..... | 1,100.52 | ..... |
| 207.26 | | 16,926.12 | ..... | 17,133.38 | ..... |
| 38.92 | | 1,729.02 | ..... | 1,767.94 | ..... |
| 34.85 | | 317.60 | ..... | 352.45 | ..... |
| 36.28 | | | 2,512.26 | ..... | 2,475.98 |
| 25.72 | | 367.05 | ..... | 392.77 | ..... |
| 180.65 | | 14,558.36 | ..... | 14,739.01 | ..... |
| 64.50 | | 1,814.98 | ..... | 1,879.48 | ..... |
| 768.99 | | 77,936.27 | ..... | 97,929.92 | ..... |
| 15.37 | | 1,137.83 | ..... | 1,153.20 | ..... |
| 63.24 | | 2,044.07 | ..... | 2,107.31 | ..... |
| 63.26 | | 651.57 | ..... | 714.83 | ..... |
| 46.75 | | 3,513.72 | ..... | 3,560.47 | ..... |
| 15.22 | | 62.28 | ..... | 77.50 | ..... |
| 2.05 | | | 166.11 | ..... | 164.06 |
| 64.30 | | 6,595.63 | ..... | 6,659.93 | ..... |
| 31.76 | | 159.99 | ..... | 191.75 | ..... |
| 44.21 | | 2,065.01 | ..... | 2,109.22 | ..... |
| 110.38 | | 23,253.45 | ..... | 23,363.83 | ..... |
| 27.94 | | 622.15 | ..... | 650.09 | ..... |
| 10.46 | | 1,156.26 | ..... | 1,166.72 | ..... |
| 114.16 | | 5,075.51 | ..... | 5,189.67 | ..... |
| 25.28 | | 1,768.30 | ..... | 1,793.58 | ..... |
| 799.42 | | 34,353.01 | ..... | 55,138.00 | ..... |
| 31.19 | | 3,494.75 | ..... | 3,525.94 | ..... |
| 16.98 | | 959.24 | ..... | 976.22 | ..... |
| 15.64 | | 659.17 | ..... | 674.81 | ..... |
| 16.82 | | 107.04 | ..... | 123.86 | ..... |
| 22.15 | | 1,612.08 | ..... | 1,634.23 | ..... |
| 22.60 | | | 581.97 | ..... | 559.37 |
| 4.85 | | 354.65 | ..... | 359.50 | ..... |
| 4.30 | | | 937.24 | ..... | 932.94 |
| 24.59 | | 1,899.82 | ..... | 1,924.41 | ..... |
| 35.57 | | 3,217.89 | ..... | 3,253.46 | ..... |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|----------------------|--------------------------|--|----------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Mitchell..... | Sept., 1911 | 991.78 | | | 991.78 |
| Moorefield..... | Mar., 1918 | 508.17 | | | 508.17 |
| Mount Brydges..... | Mar., 1915 | 402.23 | | | 402.23 |
| Newbury..... | Mar., 1921 | 386.61 | | | 386.61 |
| New Hamburg..... | Mar., 1911 | 438.75 | | | 438.75 |
| New Toronto..... | Feb., 1914 | 6,608.40 | | | 6,608.40 |
| Niagara Falls..... | Dec., 1915 | | 4,039.19 | 4,039.19 | |
| Niagara-on-Lake..... | Aug., 1919 | 17.36 | | | 17.36 |
| Norwich..... | May, 1912 | 657.65 | | | 657.65 |
| Oil Springs..... | Feb., 1918 | 7.95 | | | 7.95 |
| Otterville..... | Feb., 1916 | 1,178.46 | | | 1,178.46 |
| Palmerston..... | July, 1916 | 1,231.24 | | | 1,231.24 |
| Paris..... | Feb., 1914 | 439.67 | | | 439.67 |
| Parkhill..... | May, 1920 | 1,128.04 | | | 1,128.04 |
| Petrolia..... | May, 1916 | 2,962.48 | | | 2,962.48 |
| Plattsville..... | Dec., 1914 | 468.15 | | | 468.15 |
| Point Edward..... | Nov., 1916 | 2,441.93 | | | 2,441.93 |
| Port Colborne..... | Mar., 1920 | 559.66 | | | 559.66 |
| Port Credit..... | Aug., 1912 | 126.65 | | | 126.65 |
| Port Dalhousie..... | Nov., 1912 | 465.58 | | | 465.58 |
| Port Dover..... | Dec., 1921 | 245.11 | | | 245.11 |
| Port Rowan..... | Nov., 1926 | | 1,130.81 | | |
| Port Stanley..... | April, 1912 | 916.30 | | | 916.30 |
| Preston..... | Jan., 1911 | 2,285.25 | | | 2,285.25 |
| Princeton..... | Jan., 1915 | 943.14 | | | 943.14 |
| Queenston..... | Mar., 1921 | | 389.15 | 25.80 | |
| Richmond Hill..... | June, 1925 | 512.87 | | | 512.87 |
| Ridgetown..... | Dec., 1915 | 1,604.12 | | | 1,604.12 |
| Riverside..... | Nov., 1922 | 6,489.36 | | | 6,489.36 |
| Rockwood..... | Sept., 1913 | 709.47 | | | 709.47 |
| Rodney..... | Feb., 1917 | 147.13 | | | 147.13 |
| St. Catharines..... | April, 1914 | | 4,980.98 | 4,980.98 | |
| St. Clair Beach..... | Nov., 1922 | 520.88 | | | 520.88 |
| St. George..... | Sept., 1915 | 381.72 | | | 381.72 |
| St. Jacobs..... | Sept., 1917 | 399.01 | | | 399.01 |
| St. Marys..... | May, 1911 | 4,844.48 | | | 4,844.48 |
| St. Thomas..... | April, 1911 | | 4,676.61 | 4,676.61 | |
| Sandwich..... | Feb., 1924 | 9,323.95 | | | 9,323.95 |
| Sarnia..... | Dec., 1916 | 29,636.02 | | | 29,636.02 |
| Scarboro twp..... | Aug., 1918 | 2,007.30 | | | 2,007.30 |
| Seaforth..... | Nov., 1911 | 1,424.80 | | | 1,424.80 |
| Simcoe..... | Aug., 1915 | | 1,278.29 | 1,278.29 | |
| Springfield..... | Aug., 1917 | 763.84 | | | 763.84 |
| Stamford twp..... | Nov., 1916 | 1,094.82 | | | 1,094.82 |
| Stouffville..... | Sept., 1923 | 1,342.71 | | | 1,342.71 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|--|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 16.81 | | 265.08 | | 281.89 | |
| 9.87 | | 289.56 | | 299.43 | |
| 8.71 | | 220.56 | | 229.27 | |
| 9.53 | | 29.84 | | 39.37 | |
| 8.77 | | 1,924.61 | | 1,933.38 | |
| 107.61 | | 10,364.26 | | 10,471.87 | |
| | 114.27 | 519.84 | | 405.57 | |
| .38 | | 1,282.21 | | 1,282.59 | |
| 15.33 | | 1,593.38 | | 1,608.71 | |
| .18 | | | 572.34 | | 572.16 |
| 34.39 | | 504.35 | | 538.74 | |
| 19.51 | | 1,776.46 | | 1,795.97 | |
| 7.49 | | 2,691.58 | | 2,699.07 | |
| 17.75 | | 1,303.72 | | 1,321.47 | |
| 54.49 | | 1,416.67 | | 1,471.16 | |
| 7.73 | | 335.76 | | 343.49 | |
| 59.66 | | 425.12 | | 484.78 | |
| 9.25 | | 233.77 | | 243.02 | |
| 1.99 | | 84.40 | | 86.39 | |
| 10.02 | | 1,041.14 | | 1,051.16 | |
| 4.58 | | 771.42 | | 776.00 | |
| | 45.23 | | 220.75 | | 1,396.79 |
| 18.67 | | 1,613.16 | | 1,631.83 | |
| 43.71 | | 4,621.58 | | 4,665.29 | |
| 17.37 | | 488.47 | | 505.84 | |
| | 15.03 | 111.37 | | | 267.01 |
| 9.88 | | 1,536.76 | | 1,546.64 | |
| 29.98 | | 132.90 | | 162.88 | |
| 107.09 | | 3,603.51 | | 3,710.60 | |
| 13.00 | | 947.88 | | 960.88 | |
| 2.52 | | 425.31 | | 427.83 | |
| | 90.37 | | 1,588.84 | | 1,679.21 |
| 8.60 | | 339.64 | | 348.24 | |
| 7.38 | | 1,001.61 | | 1,008.99 | |
| 7.50 | | 601.44 | | 608.94 | |
| 109.48 | | 2,759.42 | | 2,868.90 | |
| | 123.69 | 8,717.31 | | 8,593.62 | |
| 181.38 | | 7,745.64 | | 7,927.02 | |
| 459.77 | | 5,987.10 | | 6,446.87 | |
| 33.63 | | 4,166.22 | | 4,199.85 | |
| 28.03 | | | 75.27 | | 47.24 |
| | 23.89 | 2,006.10 | | 1,982.21 | |
| 18.61 | | 467.16 | | 485.77 | |
| 17.11 | | 1,152.79 | | 1,169.90 | |
| 33.10 | | 1,470.21 | | 1,503.31 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|--------------------------|--|--------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Stratford..... | Jan., 1911 | 11,824.13 | | | 11,824.13 |
| Strathroy..... | Dec., 1914 | 1,764.69 | | | 1,764.69 |
| Sutton..... | Aug., 1923 | | 8.19 | 8.19 | |
| Tavistock..... | Nov., 1916 | 2,080.81 | | | 2,080.81 |
| Tecumseh..... | Nov., 1922 | 1,522.43 | | | 1,522.43 |
| Thamesford..... | Feb., 1914 | 806.53 | | | 806.53 |
| Thamesville..... | Oct., 1915 | 2,175.17 | | | 2,175.17 |
| Thedford..... | May, 1922 | 594.99 | | | 594.99 |
| Thornedale..... | Mar., 1914 | 538.25 | | | 538.25 |
| Thorold..... | Jan., 1921 | 570.69 | | | 570.69 |
| Tilbury..... | April, 1915 | 743.84 | | | 743.84 |
| Tillsonburg..... | Aug., 1911 | 707.03 | | | 707.03 |
| Toronto..... | June, 1911 | 80,799.26 | | | 80,799.26 |
| Toronto twp..... | Aug., 1913 | 1,149.43 | | | 1,149.43 |
| Walkerville..... | Nov., 1914 | 14,740.10 | | | 14,740.10 |
| Wallaceburg..... | Feb., 1915 | 4,564.79 | | | 4,564.79 |
| Wardsville..... | June, 1921 | 371.33 | | | 371.33 |
| Waterdown..... | Nov., 1911 | 2,862.85 | | | 2,862.85 |
| Waterford..... | April, 1915 | 250.48 | | | 250.48 |
| Waterloo..... | Dec., 1910 | 3,467.19 | | | 3,467.19 |
| Watford..... | Sept., 1917 | 1,223.64 | | | 1,223.64 |
| Welland..... | Sept., 1917 | 1,861.73 | | | 1,861.73 |
| Wellesley..... | Nov., 1916 | 301.66 | | | 301.66 |
| West Lorne..... | Jan., 1917 | 163.13 | | | 163.13 |
| Weston..... | Jan., 1911 | 3,761.38 | | | 3,761.38 |
| Wheatley..... | Feb., 1924 | 2,574.41 | | | 969.70 |
| Windsor..... | Oct., 1914 | 42,357.09 | | | 42,357.09 |
| Woodbridge..... | Dec., 1914 | | 214.41 | 214.41 | |
| Woodstock..... | Jan., 1911 | 15,267.43 | | | 15,267.43 |
| Wyoming..... | Nov., 1916 | 671.20 | | | 671.20 |
| York East twp..... | July, 1925 | 430.87 | | | 430.87 |
| York North twp..... | Nov., 1923 | 2,355.66 | | | 2,355.66 |
| Zurich..... | Sept., 1917 | 1,247.29 | | | 1,247.29 |
| Toronto Transport'n Commission. | Jan., 1927 | 3,290.61 | | | |
| RURAL POWER DISTRICTS | | | | | |
| Acton R.P.D.—Esquesing twp.... | Feb., 1928 | | | | |
| Amherstburg R.P.D.—Anderdon, Malden, Colchester N. and Colchester S. twps..... | Nov., 1923 | 8,613.24 | | | 1,857.62 |
| Aylmer R.P.D.—Dorchester S., Malahide, Yarmouth, Bayham and Dorchester N. twps..... | Nov., 1922 | 2,140.91 | | | 2,686.23 |
| Ayr R.P.D.—Dunfries N. and Blenheim twps..... | July, 1926 | 309.65 | | | 282.67 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|---------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 183.50 | | 16,431.14 | | 16,614.64 | |
| 29.89 | | 2,434.74 | | 2,464.63 | |
| | .20 | 811.55 | | 811.35 | |
| 36.71 | | 1,522.54 | | 1,559.25 | |
| 25.12 | | 1,061.54 | | 1,086.66 | |
| 13.85 | | 1,194.93 | | 1,208.78 | |
| 58.77 | | 67.39 | | 126.16 | |
| 10.46 | | 497.53 | | 507.99 | |
| 13.20 | | 386.71 | | 399.91 | |
| 10.48 | | 1,063.80 | | 1,074.28 | |
| 12.52 | | | 248.22 | | 235.70 |
| 11.90 | | 2,965.47 | | 2,977.37 | |
| 1,607.15 | | 237,410.76 | | 239,017.91 | |
| 21.23 | | 2,216.40 | | 2,237.63 | |
| 243.25 | | 17,812.43 | | 18,055.68 | |
| 102.27 | | 3,409.87 | | 3,512.14 | |
| 9.16 | | 272.06 | | 281.22 | |
| 58.10 | | 514.04 | | 572.14 | |
| 6.32 | | 908.20 | | 914.52 | |
| 55.70 | | 6,582.08 | | 6,637.78 | |
| 28.25 | | 504.41 | | 532.66 | |
| 42.33 | | 2,206.93 | | 2,249.26 | |
| 5.72 | | 323.50 | | 329.22 | |
| 3.03 | | 1,150.79 | | 1,153.82 | |
| 80.98 | | 5,602.40 | | 5,683.38 | |
| 87.56 | | 665.67 | | 2,357.94 | |
| 759.19 | | 35,466.75 | | 36,225.94 | |
| | 6.28 | 738.28 | | 732.00 | |
| 328.71 | | 10,861.39 | | 11,190.10 | |
| 13.89 | | 113.65 | | 127.54 | |
| 7.16 | | 3,375.55 | | 3,382.71 | |
| 41.45 | | 4,293.53 | | 4,334.98 | |
| 24.70 | | 574.58 | | 599.28 | |
| 131.62 | | 9,098.70 | | 12,520.93 | |
| | | | 23.58 | | 23.58 |
| 344.54 | | 1,066.43 | | 8,166.59 | |
| 85.64 | | 904.98 | | 445.30 | |
| 12.39 | | 453.01 | | 492.38 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Rural power district | Date commenced operating | Net credit or charge at October 31, 1928 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|--------------------------|--|----------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Baden R.P.D.—Wilmot, Zorra E., Easthope S., Easthope N., Wellesley, Waterloo and Blenheim twps. | Sept., 1922 | 1,215.13 | | | 1,983.00 |
| Beamsville R.P.D.—Grimsby N., Gainsboro, Clinton and Louth twps. | Jan., 1923 | 10,930.28 | | | 4,529.24 |
| Belle River R.P.D.—Maidstone and Rochester twp. | Dec., 1922 | 6,107.44 | | | 1,208.25 |
| Blenheim R.P.D.—Raleigh and Harwich twps. | July, 1924 | 2,046.05 | | | 1,225.01 |
| Bond Lake R.P.D. — King, Vaughan, Markham and Whitchurch twps. | Mar., 1924 | 15,841.76 | | | 2,866.73 |
| Bothwell R.P.D.—Ekfrid, Zone, Orford, Aldborough and Mosa twps. | Dec., 1923 | 45.08 | | 3,999.96 | |
| Brampton R.P.D.—Chingua-cousy and Toronto twps. | Nov., 1923 | 974.74 | | | 1,099.22 |
| Brant R.P.D.—Brantford, Burford, Blenheim, Dumfries S., Onondaga and Oakland twps. | Oct., 1922 | 1,557.43 | | | 1,906.37 |
| Bridgen R.P.D. — Moore and Sombra twps. | Jan., 1927 | | 80.91 | | 653.02 |
| Burford R.P.D.—Burford, Brantford and Oakland twps. | Dec., 1926 | | 340.47 | | 584.89 |
| Caledonia R.P.D. — Ancaster, Glandford, Oneida, Binbrook, Caister and Barton twps. | Oct., 1925 | | 1,210.63 | | 1,236.57 |
| Chatham R.P.D.—Dover, Chatham, Raleigh and Harwich twps. | May, 1922 | 4,736.23 | | | 2,988.28 |
| Chippawa R.P.D.—Willoughby and Bertie twps. | July, 1922 | | 23.33 | | 827.00 |
| Clinton R.P.D.—Goderich and Stanley twps. | July, 1928 | | | | |
| Delaware R.P.D. — Delaware, Westminster, Caradoc, Ekfrid, Lobo and London twps. | Oct., 1922 | 4,799.59 | | | 3,195.69 |
| Dorchester R.P.D.—London, Nissouri W., Nissouri E., Oxford N., Dorchester N., Dorchester S., Westminster and Yarmouth twps. | Dec., 1921 | 5,111.03 | | | 3,844.54 |
| Dresden R.P.D.—Camden and Chatham twps. | May, 1928 | | | | |
| Drumbo R.P.D.—Blenheim, Burford and Blandford twps. | Aug., 1922 | 1,451.04 | | | 812.02 |
| Dundas R.P.D.—Flamboro W., Beverly, Ancaster and Flamboro E. twps. | Jan., 1922 | 1,926.72 | | | 3,264.50 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 48.60 | ..... | 1,075.48 | ..... | 356.21 | ..... |
| 437.21 | ..... | 1,708.09 | ..... | 8,546.34 | ..... |
| 244.72 | ..... | 3,625.93 | ..... | 8,769.84 | ..... |
| 81.76 | ..... | 1,324.83 | ..... | 2,227.63 | ..... |
| 632.65 | ..... | 3,938.91 | ..... | 17,546.59 | ..... |
| 171.97 | ..... | 799.40 | ..... | 5,016.41 | ..... |
| 38.99 | ..... | 211.77 | ..... | 126.28 | ..... |
| 62.30 | ..... | ..... | 902.40 | ..... | 1,189.04 |
| ..... | 3.24 | ..... | 111.15 | ..... | 848.32 |
| ..... | 13.62 | 541.75 | ..... | ..... | 397.23 |
| ..... | 48.42 | ..... | 250.95 | ..... | 2,746.57 |
| 189.15 | ..... | 729.75 | ..... | 2,666.85 | ..... |
| ..... | 0.93 | 773.29 | ..... | ..... | 77.97 |
| ..... | ..... | ..... | 363.15 | ..... | 363.15 |
| 191.10 | ..... | ..... | 1,024.53 | 770.47 | ..... |
| 203.91 | ..... | ..... | 2,336.50 | ..... | 866.10 |
| ..... | ..... | ..... | 19.19 | ..... | 19.19 |
| 58.04 | ..... | 28.83 | ..... | 725.89 | ..... |
| 77.07 | ..... | 1,690.00 | ..... | 429.29 | ..... |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Rural power district | Date commenced operating | Net credit or charge at October 31, 1928 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|--------------------------|--|--------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Dunnville R.P.D. —Moulton twp. | July, 1928 | | | | |
| Dutton R.P.D. —Dunwich and Aldborough twps. | Feb., 1926 | 309.75 | | | 390.29 |
| Elmira R.P.D. —Woolwich twp. | June, 1926 | 395.33 | | | 176.92 |
| Elora R.P.D. —Pilkington, Nichol, Garafraxa W and Peel twps. | Jan., 1926 | 850.28 | | | 430.23 |
| Essex R.P.D. —Sandwich S., Maidstone, Rochester, Colchester N., Gosfield N., and Gosfield S. twps. | Nov., 1924 | 1,842.18 | | | 1,790.30 |
| Exeter R.P.D. —Hay, Stephen, Usborne, Tuckersmith and Bosanquet twps. | Nov., 1922 | 4,250.88 | | | 1,774.43 |
| Forest R.P.D. —Warwick, Bosanquet, Williams W. and Adelaide twps. | Nov. 1926 | | 127.38 | | 154.92 |
| Galt R.P.D. —Dumfries N. and Dumfries S. twps. | Oct., 1922 | 1,785.56 | | | 1,020.22 |
| Georgetown R.P.D. —Esquesing and Chinguacousy twps. | Nov., 1924 | 620.25 | | | 899.72 |
| Goderich R.P.D. —Colborne and Goderich twps. | June, 1925 | 757.33 | | | 131.23 |
| Grantham R.P.D. —Grantham and Niagara twps. | Nov., 1924 | 2,276.58 | | | 1,955.02 |
| Guelph R.P.D. —Guelph and Puslinch twps. | Jan., 1925 | 307.07 | | | 844.09 |
| Haldimand R.P.D. —Walpole, Rainham, Cayuga N. and Oneida twps. | Oct., 1925 | 1,796.09 | | | 459.22 |
| Harrow R.P.D. —Colchester S. and Malden twps. | Nov., 1923 | 2,161.47 | | | 1,637.31 |
| Ingersoll R.P.D. —Dorchester N., Dereham, Oxford N., Zorra W. and Oxford W. twps. | Oct., 1922 | 496.55 | | | 1,518.88 |
| Jordan R.P.D. —Louth and Thorold twps. | May, 1922 | 543.50 | | | 534.13 |
| Keswick R.P.D. —Georgina and Gwillimbury twps. | Mar., 1924 | 4,087.58 | | | 1,482.50 |
| Kingsville R.P.D. —Gosfield N., Gosfield S., Mersey and Romney twps. | Nov., 1923 | 9,230.78 | | | 3,485.40 |
| Lansing R.P.D. —York North and Vaughan twps. | Mar., 1924 | 3,288.78 | | | |
| Listowel R.P.D. —Wallace and Elma twps. | Oct., 1926 | 834.59 | | | 969.88 |
| London R.P.D. —Westminster, Delaware and London twps. | Nov., 1922 | 23,860.46 | | | 6,262.78 |
| Lucan R.P.D. —Stephen, London, McGillivray and Biddulph twps. | June, 1926 | 853.22 | | | 859.59 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|----------------|---|----------------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. 14.91 | \$ c. | \$ c. 14.91 |
| 12.39 | | 511.00 | | 442.85 | |
| 15.81 | | 268.01 | | 502.23 | |
| 34.01 | | 38.68 | | 492.74 | |
| 73.69 | | 1,341.87 | | 1,467.44 | |
| 169.70 | | | 405.85 | 2,240.30 | |
| | 5.10 | 87.72 | | | 199.68 |
| 71.42 | | 1,370.28 | | 2,207.04 | |
| 24.81 | | 1,379.45 | | 1,124.79 | |
| 30.29 | | | 254.39 | 402.00 | |
| 91.06 | | 78.85 | | 491.47 | |
| 8.57 | | 106.46 | | | 421.99 |
| 71.84 | | 542.93 | | 1,951.64 | |
| 86.46 | | 761.67 | | 1,372.29 | |
| 19.71 | | | 658.45 | | 1,661.07 |
| 36.36 | | 657.14 | | 702.87 | |
| 163.34 | | 1,628.23 | | 4,396.65 | |
| 369.23 | | 3,290.12 | | 9,404.73 | |
| 131.55 | | | | 3,420.33 | |
| 33.38 | | 430.39 | | 328.48 | |
| 954.42 | | | 2,733.72 | 15,818.38 | |
| 34.13 | | | 516.38 | | 488.62 |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Rural Power District | Date commenced operating | Net credit or charge at October 31, 1928 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--|--------------------------|--|--------|--|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Lynden R.P.D.—Beverly, Ancaster, Brantford and Dumfries twps. | Feb., 1922 | 2,102.78 | ..... | ..... | 1,626.89 |
| Markham R.P.D.—Markham, Scarboro, Pickering and Whitchurch twps. | Dec., 1922 | 4,025.11 | ..... | ..... | 1,721.88 |
| Milton R.P.D.—Nassagaweya, Esquesing, Trafalgar and Nelson twps. | Jan., 1925 | 1,780.56 | ..... | ..... | 1,186.16 |
| Milverton R.P.D.—Mornington twp. | Aug., 1927 | 22.46 | ..... | ..... | 601.53 |
| Mitchell R.P.D.—Ellice, Logan and Elma twp. | Dec., 1925 | 1,324.33 | ..... | ..... | 859.74 |
| Newmarket R.P.D.—Gwillimbury E., King and Whitchurch twps. | Mar., 1924 | 2,168.64 | ..... | ..... | 769.78 |
| Niagara R.P.D.—Niagara twp. | Jan., 1922 | 11,947.09 | ..... | ..... | 2,244.51 |
| Norwich R.P.D.—Norwich N., Norwich S., Dereham, Oxford E. Burford and Windham twps. | May, 1925 | 4,670.87 | ..... | ..... | 2,855.41 |
| Oil Springs R.P.D.—Enniskillen, Dawn and Brooke twps. | Dec., 1925 | 1,309.95 | ..... | ..... | 461.48 |
| Palmerston R.P.D.—Maryborough, Wallace and Minto twps. | Oct., 1926 | 20.97 | ..... | ..... | 26.67 |
| Petrolia R.P.D.—Plympton and Enniskillen twps. | Aug., 1923 | ..... | 420.16 | ..... | 62.06 |
| Preston R.P.D.—Waterloo, Puslinch, Dumfries N. and Woolwich twps. | April, 1922 | 10,786.35 | ..... | ..... | 4,099.75 |
| Ridgetown R.P.D.—Howard, Orford, Harwich, Aldborough and Rondeau Park twps. | Mar., 1922 | 5,315.71 | ..... | ..... | 2,695.25 |
| St. Jacobs R.P.D.—Wellesley and Woolwich twps. | Nov., 1922 | 3,652.26 | ..... | ..... | 1,056.31 |
| St. Marys R.P.D.—Fullerton, Usborne, Blanshard and Downie twps. | Dec., 1927 | ..... | ..... | ..... | ..... |
| St. Thomas R.P.D.—Southwold, Yarmouth, Westminster and Dunwich twps. | Aug., 1923 | 8,238.71 | ..... | ..... | 3,188.20 |
| Saltfleet R.P.D.—Saltfleet, Barton, Binbrook and Grimsby N. twps. | Feb., 1922 | 2,661.31 | ..... | ..... | 5,823.52 |
| Sandwich R.P.D.—Sandwich W., Sandwich E., Sandwich S., Maidstone, Anderdon and Colchester N. twps. | July, 1922 | 23,914.25 | ..... | ..... | 5,435.85 |
| Sarnia R.P.D.—Sarnia, Moore and Plympton twps. | June, 1923 | 6,422.70 | ..... | ..... | 3,502.77 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|--|---------|---|----------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 84.11 | | | 896.72 | | 336.72 |
| 161.01 | | 514.59 | | 2,978.83 | |
| 71.22 | | 638.97 | | 1,304.59 | |
| 0.90 | | | 228.89 | | 807.06 |
| 52.97 | | 383.94 | | 901.50 | |
| 86.75 | | 618.56 | | 2,104.17 | |
| 477.88 | | 915.90 | | 11,096.36 | |
| 186.83 | | 1,618.84 | | 3,621.13 | |
| 52.40 | | 348.61 | | 1,249.48 | |
| 0.84 | | 169.22 | | 164.36 | |
| | 16.81 | | 9.91 | | 508.94 |
| 430.83 | | | 566.18 | 6,551.25 | |
| 212.63 | | | 1,795.63 | 1,037.46 | |
| 145.76 | | 693.28 | | 3,434.99 | |
| | | | 1,024.65 | | 1,024.65 |
| 330.44 | | | 3,113.91 | 2,267.04 | |
| 94.83 | | | 2,185.00 | | 5,252.38 |
| 958.35 | | 6,957.46 | | 26,394.21 | |
| 256.80 | | | 857.69 | 2,319.04 | |

NIAGARA

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount credited ending October 31, 1928, and the accumulated amount standing

| Rural Power District | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--|--------------------------|--|-----------|--|------------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Scarboro R.P.D.—Scarboro, Pickering and York North twps..... | Dec., 1923 | 799.70 | ..... | ..... | 1,510.65 |
| Seaforth R.P.D.—Tuckersmith, and McKillop twps. | Nov., 1927 | ..... | ..... | ..... | ..... |
| Simcoe R.P.D. — Woodhouse, Charlotteville, Windham and Townsend twps. | Nov., 1922 | 699.07 | ..... | ..... | 950.88 |
| Stamford R.P.D.—Stamford and Thorold twps. | Mar., 1922 | 4,688.06 | ..... | ..... | 574.72 |
| Stratford R.P.D.—Ellice and Downie twps. | July, 1924 | 1,283.87 | ..... | ..... | 885.61 |
| Strathroy R.P.D.—Adelaide twp. | Dec., 1926 | 528.71 | ..... | ..... | 326.38 |
| Streetsville R.P.D.—Toronto, Trafalgar, Esquesing and Chinguacousy twps. | Nov., 1922 | 1,982.76 | ..... | ..... | 1,956.47 |
| Tavistock R.P.D.—Easthope N., Easthope S. and Zorra E. twps. | April, 1923 | 349.15 | ..... | ..... | 1,070.88 |
| Thamesville R.P.D.—Camden, Euphemia, Zone, Orford, Howard and Chatham twps. | Nov., 1927 | ..... | ..... | ..... | ..... |
| Tilbury R.P.D.—Dover, Tilbury E., Tilbury W., Tilbury N., Raleigh and Romney twps. | Dec., 1923 | 863.79 | ..... | ..... | 1,119.20 |
| Tillsonburg R.P.D.—Norwich S., Bayham, Dorchester S., Malahide, Dereham, Middleton and Norwich N. twps. | Dec., 1923 | 7,862.14 | ..... | ..... | 3,270.08 |
| Wallaceburg R.P.D.—Dover, Chatham and Sombra twps. | Jan., 1923 | 4,308.65 | ..... | ..... | 1,819.17 |
| Walsingham R.P.D.—Walsingham S. and Charlotteville twps. | Dec., 1926 | ..... | 1,409.55 | ..... | 366.97 |
| Walton R.P.D.—Wawanosh W., Wawanosh E., McKillop, Morris, Grey and Hullett twps. | Nov., 1924 | 173.81 | ..... | ..... | 598.51 |
| Waterdown R.P.D.—Flamboro E., Flamboro W. and Nelson twps. | Oct., 1922 | 3,690.89 | ..... | ..... | 1,447.73 |
| Waterford R.P.D.—Windham and Townsend twps. | Nov., 1923 | ..... | 1,538.56 | ..... | 643.92 |
| Welland R.P.D.—Bertie, Pelham, Thorold, Crowland, Wainfleet and Humberstone twps. | Apr., 1922 | 12,369.12 | ..... | ..... | 6,297.27 |
| Woodbridge R.P.D.—Toronto, Vaughan, York North, Etobicoke, Toronto Gore, Albion, King and Chinguacousy twps. | Jan., 1923 | 6,544.25 | ..... | ..... | 5,042.82 |
| Woodstock R.P.D.—Oxford W., Oxford N., Oxford E., Blandford, Zorra W. and Zorra E. twps. | Feb., 1922 | 8,809.84 | ..... | ..... | 3,655.81 |
| Totals | | 754,449.07 | 40,396.27 | 36,870.61 | 570,975.09 |

SYSTEM—Continued

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjustments or charged to each Municipality in respect of power supplied in the year as a credit or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|----------------|---|----------------|---|-----------------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. 30.79 | \$ c. | \$ c. 377.55 | \$ c. | \$ c. | \$ c. 302.61 |
| | | 112.47 | ..... | 112.47 | ..... |
| 27.96 | | 299.60 | ..... | 75.75 | ..... |
| 187.52 | | 1,181.31 | ..... | 5,482.17 | ..... |
| 51.35 | | | 584.08 | ..... | 134.47 |
| 21.15 | | 771.94 | ..... | 995.42 | ..... |
| 79.31 | | 173.74 | ..... | 279.34 | ..... |
| 13.97 | | | 465.67 | ..... | 1,173.43 |
| | | | 627.52 | ..... | 627.52 |
| 34.55 | | 551.70 | ..... | 330.84 | ..... |
| 314.49 | | 841.27 | ..... | 5,747.82 | ..... |
| 166.94 | | 1,358.95 | ..... | 4,015.37 | ..... |
| ..... | 56.01 | 468.44 | ..... | ..... | 1,364.09 |
| 6.95 | | | 855.50 | ..... | 1,273.25 |
| 144.09 | | 3,445.09 | ..... | 5,832.34 | ..... |
| ..... | 61.54 | ..... | 65.85 | ..... | 2,309.87 |
| 494.76 | | 1,210.60 | ..... | 7,777.21 | ..... |
| 261.77 | | 2,045.33 | ..... | 3,808.53 | ..... |
| 352.39 | | | 1,003.51 | 4,502.91 | ..... |
| 21,043.84 | 698.24 | 787,949.90 | 33,742.53 | 990,179.07 | 35,677.78 |

NIAGARA SYSTEM

Reserve for Renewals—October 31, 1928

| | | |
|---|----------------|------------------------------|
| Total provision for renewals to October 31, 1927..... | \$9,158,835.12 | |
| Deduct: | | |
| Expenditures to October 31, 1927..... | 708,957.96 | |
| Balance brought forward October 31, 1928..... | | \$8,449,877.16 |
| Added during the year ending October 31, 1928: | | |
| Amounts charged to municipalities as part of the cost of power delivered to them..... | \$703,419.79 | |
| Amounts included in costs of distribution of power within rural power districts..... | 107,703.56 | |
| Provision against equipment employed in respect of contracts with private companies which purchased power | 204,239.91 | |
| Reserve created in respect of lines taken over and converted into rural power districts..... | 12,453.46 | |
| Reserve provided in respect of certain rural lines transferred to rural power districts..... | 4,615.42 | |
| Interest at 4% per annum on the monthly balances at the credit of the account..... | 338,308.14 | |
| | | 1,370,740.28 |
| | | <u>\$9,820,617.44</u> |
| Deduct: | | |
| Provision for renewals allowed on plant sold..... | \$1,434.27 | |
| Expenditures during the year ending October 31, 1928..... | 74,254.08 | |
| | | 75,688.35 |
| Balance carried forward October 31, 1928..... | | <u><u>\$9,744,929.09</u></u> |

NIAGARA SYSTEM

Reserve for Obsolescence and Contingencies, October 31, 1928

| | | |
|---|----------------|------------------------------|
| Balance brought forward October 31, 1927..... | \$5,295,646.85 | |
| Interest on additional provision for obsolescence and contingencies provided in year 1927 in respect of rural power districts..... | 1,963.38 | |
| | | \$5,297,610.23 |
| Added during the year ending October 31, 1928: | | |
| Amounts charged to municipalities and rural power districts as part of the cost of power delivered to them..... | \$1,925,829.41 | |
| Amounts included in the costs of distribution of power within rural power districts..... | 161,555.34 | |
| Provision against equipment employed in respect of contracts with private customers which purchased power.. | 770,110.27 | |
| Additional provision for obsolescence and contingencies in respect of rural power districts..... | 132,854.90 | |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 211,848.62 | |
| | | 3,202,198.54 |
| | | <u>\$8,499,808.77</u> |
| Deduct: | | |
| Proportionate share of expenditures with interest thereon in the years 1909 to 1925 made by the Commission out of advances by the province for the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein—payment made in October, 1928..... | \$1,218,559.35 | |
| Provision for contingencies on plant sold..... | 1,394.80 | |
| Expenditures during the year ending October 31, 1928..... | 25,637.00 | |
| | | 1,245,591.15 |
| Balance carried forward October 31, 1928..... | | <u><u>\$7,254,217.62</u></u> |

NIAGARA SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Municipality | Period of years ending Oct. 31, 1928 | Amount | Municipality | Period of years ending Oct. 31, 1928 | Amount |
|--------------------|--|------------|--------------------|--|------------|
| | | \$ c. | | | \$ c. |
| Acton..... | 11 years | 17,120.40 | Elmira..... | 10 years | 25,415.07 |
| Agincourt..... | 4 " | 1,800.74 | Elora..... | 9 " | 12,441.99 |
| Ailsa Craig..... | 8 " | 5,604.13 | Embro..... | 9 " | 3,694.26 |
| Alvinston..... | 5 " | 4,741.41 | Erieau..... | 5 " | 1,010.73 |
| Amherstburg..... | 11 " | 12,644.62 | Erie Beach..... | 4 " | 266.83 |
| Ancaster twp..... | 5 " | 5,522.31 | Essex..... | 5 " | 7,406.82 |
| Arkona..... | 2 " | 751.50 | Etobicoke twp..... | 6 " | 37,756.77 |
| Aylmer..... | 5 " | 11,300.89 | Exeter..... | 7 " | 12,309.77 |
| Ayr..... | 9 " | 4,115.05 | Fergus..... | 9 " | 13,176.91 |
| Baden..... | 11 " | 11,569.83 | Fonthill..... | 3 " | 755.74 |
| Barton twp..... | 5 " | 9,626.32 | Ford City..... | 6 " | 55,429.02 |
| Beachville..... | 11 " | 14,434.87 | Forest..... | 6 " | 7,850.59 |
| Belle River..... | 6 " | 2,194.10 | Galt..... | 12 " | 173,337.02 |
| Blenheim..... | 8 " | 11,432.63 | Georgetown..... | 10 " | 29,810.67 |
| Blyth..... | 5 " | 1,995.64 | Glencoe..... | 5 " | 4,994.55 |
| Bolton..... | 8 " | 6,566.72 | Goderich..... | 9 " | 38,570.40 |
| Bothwell..... | 8 " | 7,290.66 | Granton..... | 7 " | 2,677.91 |
| Brampton..... | 12 " | 49,408.83 | Guelph..... | 12 " | 200,761.75 |
| Brantford..... | 9 " | 249,124.27 | Hagersville..... | 10 " | 25,852.19 |
| Brantford twp..... | 5 " | 5,701.36 | Hamilton..... | 12 " | 901,563.10 |
| Bridgeport..... | 1 " | 324.44 | Harriston..... | 7 " | 10,243.59 |
| Brigden..... | 6 " | 3,691.87 | Harrow..... | 5 " | 3,950.29 |
| Brussels..... | 5 " | 3,000.58 | Hensall..... | 7 " | 4,103.33 |
| Burford..... | 8 " | 4,060.00 | Hespeler..... | 12 " | 26,456.30 |
| Burgessville..... | 7 " | 1,605.81 | Highgate..... | 7 " | 3,331.01 |
| Caledonia..... | 11 " | 6,135.21 | Humberstone..... | 5 " | 3,698.69 |
| Campbellville..... | 4 " | 288.60 | Ingersoll..... | 12 " | 57,318.21 |
| Cayuga..... | 4 " | 1,968.78 | Jarvis..... | 5 " | 3,402.01 |
| Chatham..... | 8 " | 121,413.54 | Kingsville..... | 5 " | 10,261.76 |
| Chippawa..... | 6 " | 5,225.68 | Kitchener..... | 12 " | 372,432.46 |
| Clifford..... | 5 " | 1,360.21 | Lambeth..... | 8 " | 2,664.34 |
| Clinton..... | 9 " | 14,304.22 | La Salle..... | 3 " | 1,855.77 |
| Comber..... | 8 " | 6,613.84 | Leamington..... | 5 " | 14,873.48 |
| Cottam..... | 2 " | 434.81 | Listowel..... | 7 " | 20,316.27 |
| Courtright..... | 5 " | 1,349.24 | London..... | 12 " | 676,862.62 |
| Dashwood..... | 6 " | 2,685.10 | London Ry. Comm.. | 9 " | 49,962.04 |
| Delaware..... | 8 " | 792.45 | London twp..... | 4 " | 2,378.45 |
| Dorchester..... | 9 " | 2,076.23 | Lucan..... | 8 " | 6,835.38 |
| Drayton..... | 5 " | 3,350.59 | Lynden..... | 8 " | 5,544.62 |
| Dresden..... | 8 " | 9,398.25 | Markham..... | 5 " | 4,179.32 |
| Drumbo..... | 9 " | 1,907.89 | Merlin..... | 5 " | 3,561.46 |
| Dublin..... | 6 " | 1,764.90 | Merritton..... | 7 " | 14,619.32 |
| Dundas..... | 12 " | 47,956.43 | Milton..... | 10 " | 38,783.94 |
| Dunnville..... | 5 " | 15,312.84 | Milverton..... | 7 " | 16,610.50 |
| Dutton..... | 8 " | 5,912.70 | Mimico..... | 11 " | 36,435.26 |

NIAGARA SYSTEM—Continued

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Municipality | Period of years ending Oct. 31, 1928 | Amount | Municipality | Period of years ending Oct. 31, 1928 | Amount |
|----------------------|--|------------|---|--|--------------|
| | | \$ c. | | | \$ c. |
| Mitchell..... | 12 years | 13,920.87 | Stratford..... | 12 years | 180,096.25 |
| Moorefield..... | 5 " | 1,819.22 | Strathroy..... | 9 " | 25,390.00 |
| Mount Brydges..... | 8 " | 1,899.39 | Sutton..... | 5 " | 2,647.87 |
| Newbury..... | 5 " | 1,165.58 | Tavistock..... | 7 " | 12,460.14 |
| New Hamburg..... | 12 " | 16,532.49 | Tecumseh..... | 6 " | 4,928.40 |
| New Toronto..... | 9 " | 121,562.92 | Thamesford..... | 9 " | 5,393.20 |
| Niagara Falls..... | 8 " | 166,688.21 | Thamesville..... | 8 " | 4,923.02 |
| Niagara-on-Lake..... | 5 " | 7,759.93 | Thedford..... | 5 " | 2,315.72 |
| Norwich..... | 11 " | 12,752.94 | Thorndale..... | 9 " | 3,084.30 |
| Oil Springs..... | 5 " | 8,623.12 | Thorold..... | 6 " | 17,274.04 |
| Otterville..... | 7 " | 2,375.60 | | | |
| Palmerston..... | 7 " | 12,103.43 | Tilbury..... | 8 " | 12,595.78 |
| Paris..... | 9 " | 36,654.95 | Tillsonburg..... | 12 " | 27,189.40 |
| Parkhill..... | 5 " | 4,842.88 | Toronto..... | 12 " | 5,094,514.13 |
| Petrolia..... | 7 " | 32,147.11 | Toronto twp..... | 10 " | 20,606.95 |
| Plattsville..... | 9 " | 2,928.63 | Walkerville..... | 9 " | 179,556.72 |
| Point Edward..... | 6 " | 13,023.51 | | | |
| Port Colborne..... | 7 " | 22,349.21 | Wallaceburg..... | 8 " | 52,493.89 |
| Port Credit..... | 11 " | 9,192.92 | Wardsville..... | 5 " | 812.12 |
| Port Dalhousie..... | 7 " | 7,549.23 | Waterdown..... | 12 " | 7,747.64 |
| Port Dover..... | 5 " | 5,336.49 | Waterford..... | 8 " | 8,661.91 |
| Port Rowan..... | 2 " | 883.82 | Waterloo..... | 12 " | 77,585.34 |
| Port Stanley..... | 11 " | 12,312.48 | | | |
| Preston..... | 12 " | 86,878.42 | Watford..... | 6 " | 5,602.89 |
| Princeton..... | 9 " | 1,877.99 | Welland..... | 6 " | 77,312.60 |
| Queenston..... | 5 " | 1,917.39 | Wellesley..... | 7 " | 5,874.14 |
| Richmond Hill..... | 4 " | 2,793.38 | West Lorne..... | 7 " | 10,153.52 |
| Ridgetown..... | 8 " | 12,213.86 | Weston..... | 12 " | 67,738.47 |
| Riverside..... | 6 " | 16,746.20 | | | |
| Rockwood..... | 10 " | 3,521.64 | Wheatley..... | 5 " | 2,389.72 |
| Rodney..... | 6 " | 3,362.31 | Windsor..... | 9 " | 530,243.82 |
| St. Catharines..... | 7 " | 142,759.53 | Woodbridge..... | 9 " | 8,846.90 |
| St. Clair Beach..... | 6 " | 1,548.03 | Woodstock..... | 12 " | 108,697.01 |
| St. George..... | 8 " | 3,936.62 | Wyoming..... | 7 " | 2,368.46 |
| St. Jacobs..... | 6 " | 3,765.79 | | | |
| St. Marys..... | 12 " | 42,824.58 | York East twp..... | 4 " | 35,188.52 |
| St. Thomas..... | 12 " | 144,329.22 | York North twp..... | 5 " | 11,332.29 |
| Sandwich..... | 5 " | 52,795.16 | Zurich..... | 6 " | 4,053.55 |
| Sarnia..... | 7 " | 163,051.15 | | | |
| Scarboro twp..... | 5 " | 31,900.29 | Toronto & York Ry.. | 5 " | 67,976.34 |
| Seaforth..... | 12 " | 23,141.26 | Sandwich, Windsor & Amherstburg Ry.. | 6 " | 36,106.67 |
| Simcoe..... | 8 " | 21,599.23 | Toronto Transporta- tion Commission... | 2 " | 21,174.35 |
| Springfield..... | 6 " | 2,628.85 | | | |
| Stamford twp..... | 7 " | 21,796.04 | | | |
| Stouffville..... | 5 " | 3,277.55 | | | |

NIAGARA SYSTEM—Continued

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system and interest allowed thereon to October 31, 1928

| Rural power district | Period of years ending Oct. 31, 1928 | Amount | Rural power district | Period of years ending Oct. 31, 1928 | Amount |
|--|--------------------------------------|-----------|--|--------------------------------------|----------|
| | | \$ c. | | | \$ c. |
| Acton R.P.D.—Esquesing twp..... | 1 year | 15.49 | Caledonia R.P.D. — Ancaster, Glandford, Oneida, Binbrook, Caister and Barton twps..... | 4 years | 1,488.13 |
| Amherstburg R.P.D.—Anderdon, Malden, Colchester N. and Colchester S. twps..... | 5 “ | 10,027.49 | Chatham R.P.D.—Dover, Chatham, Raleigh and Harwich twps..... | 7 “ | 4,983.37 |
| Aylmer R.P.D.—Dorchester S., Malahide, Yarmouth, Bayham and Dorchester N. twps..... | 7 “ | 3,191.96 | Chippawa R.P.D.—Wilmington and Bertie twps.. | 7 “ | 2,940.64 |
| Ayr R.P.D.—Dumfries N. and Blenheim twps..... | 3 “ | 213.87 | Clinton R.P.D.—Goderich and Stanley twps..... | 1 “ | 155.53 |
| Baden R.P.D.—Wilmot, Zorra E., Easthope S., Easthope N., Wellesley, Waterloo and Blenheim twps..... | 7 “ | 3,188.37 | Delaware R.P.D.—Delaware, Westminster, Caradoc, Ekfrid, Lobo and London twps..... | 6 “ | 3,998.47 |
| Beamsville R.P.D.—Grimsby N., Gainsboro, Clinton and Louth twps.. | 6 “ | 11,777.68 | Dorchester R.P.D.—London, Nissouri W., Nissouri E., Oxford N., Dorchester N., Dorchester S., Westminster and Yarmouth twps..... | 7 “ | 7,538.22 |
| Belle River R.P.D.—Maidstone and Rochester twps. | 6 “ | 4,490.96 | Dresden R.P.D.—Camden and Chatham twps..... | 1 “ | 0.69 |
| Blenheim R.P.D. — Raleigh and Harwich twps.. | 5 “ | 1,169.09 | Drumbo R.P.D. — Blenheim, Burford and Blandford twps..... | 7 “ | 1,732.48 |
| Bond Lake R.P.D. — King, Vaughan, Markham and Whitchurch twps..... | 5 “ | 6,735.51 | Dundas R.P.D. — Flamboro W., Beverly, Ancaster and Flamboro E. twps..... | 7 “ | 5,932.45 |
| Bothwell R.P.D.—Ekfrid, Zone, Orford, Aldboro and Mosa twps..... | 5 “ | 1,435.77 | Dunnville R.P.D. — Moulton twp..... | 1 “ | 7.74 |
| Brampton R.P.D.—Chinguacousy and Toronto twps. | 5 “ | 666.38 | Dutton R.P.D.—Dunwich and Aldboro twps..... | 3 “ | 305.25 |
| Brant R.P.D.—Brantford, Burford, Blenheim, Dumfries S., Onondaga and Oakland twps..... | 7 “ | 3,981.44 | Elmira R.P.D.—Woolwich twp..... | 3 “ | 288.46 |
| Brigden R.P.D.—Moore and Sombra twps..... | 2 “ | 397.51 | Elora R.P.D. — Pilkington, Nichol, Garafraxa W. and Peel twps..... | 3 “ | 1,475.83 |
| Burford R.P.D.—Burford, Brantford and Oakland twps..... | 2 “ | 646.45 | Essex R.P.D.—Sandwich S., Maidstone, Rochester, Colchester N., Gosfield N. and Gosfield S. twps..... | 4 “ | 2,404.03 |

NIAGARA SYSTEM—Continued

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Rural power district | Period of years ending Oct. 31, 1928 | Amount | Rural power district | Period of years ending Oct. 31, 1928 | Amount |
|---|--------------------------------------|-----------|--|--------------------------------------|-----------|
| | | \$ c. | | | \$ c. |
| Exeter R.P.D.—Hay, Stephen, Usborne, Tucker-smith and Bosanquet twps..... | 6 years | 3,526.93 | Lucan R.P.D.—Stephen, London, McGillivray and Biddulph twps..... | 3 years | 621.40 |
| Forest R.P.D.—Warwick, Bosanquet, Williams W. and Adelaide twps..... | 2 " | 74.90 | Lynden R.P.D.—Beverly, Ancaster, Brantford and Dumfries twps..... | 7 " | 2,679.84 |
| Galt R.P.D.—Dumfries N., and Dumfries S. twps.... | 7 " | 1,582.88 | Markham R.P.D.—Markham, Scarboro, Pickering and Whitchurch twps.... | 6 " | 2,955.48 |
| Georgetown R.P.D.—Esquesing and Chinguacousy twps..... | 4 " | 715.92 | Milton R.P.D.—Nassagaweya, Esquesing, Trafalgar and Nelson twps..... | 4 " | 812.99 |
| Goderich R.P.D.—Colborne and Goderich twps.. | 4 " | 950.87 | Milverton R.P.D.—Mornington twp..... | 2 " | 263.53 |
| Grantham R.P.D.—Grantham and Niagara twps..... | 4 " | 8,118.97 | Mitchell R.P.D.—Ellice, Logan and Elma twps.... | 3 " | 1,510.22 |
| Guelph R.P.D.—Guelph and Puslinch twps..... | 4 " | 1,060.76 | Newmarket R.P.D.—Gwillimbury E., King and Whitchurch twps..... | 5 " | 2,130.69 |
| Haldimand R.P.D.—Walpole, Rainham, Cayuga N. and Oneida twps..... | 4 " | 545.70 | Niagara R.P.D.—Niagara twps..... | 7 " | 7,333.49 |
| Harrow R.P.D.—Colchester S. and Malden twps..... | 5 " | 1,955.92 | Norwich R.P.D.—Norwich, N., Norwich S., Dereham, Oxford E., Burford and Windham twps..... | 4 " | 7,027.94 |
| Ingersoll R.P.D.—Dorchester N., Dereham, Oxford N., Zorra W. and Oxford W. twps..... | 7 " | 872.08 | Oil Springs R.P.D.—Enniskillen, Dawn and Brooke twps..... | 3 " | 717.96 |
| Jordan R.P.D.—Louth and Thorold twps..... | 7 " | 2,080.84 | Palmerston R.P.D.—Maryborough, Wallace and Mifto twps..... | 2 " | 25.43 |
| Keswick R.P.D.—Georgina and Gwillimbury twps.... | 5 " | 3,663.36 | Petrolia R.P.D.—Plympton and Enniskillen twps. | 6 " | 240.85 |
| Kingsville R.P.D.—Gosfield N., Gosfield S., Gorseley and Romney twps.... | 5 " | 12,968.38 | Preston R.P.D.—Waterloo, Puslinch, Dumfries N., and Woolwich twps..... | 7 " | 11,003.87 |
| Lansing R.P.D.—York N. and Vaughan twps..... | 4 " | 767.55 | Ridgetown R.P.D.—Howard, Orford, Harwich, Aldborough and Rondeau Park twps..... | 7 " | 4,439.91 |
| Listowel R.P.D.—Wallace and Elma twps..... | 2 " | 732.11 | St. Jacobs R.P.D.—Wellesley and Woolwich twps. | 6 " | 3,665.33 |
| London R.P.D.—Westminster, Delaware and London twps..... | 6 " | 16,893.49 | | | |

NIAGARA SYSTEM—Continued

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Rural power district | Period of years ending Oct. 31, 1928 | Amount | Rural power district | Period of years ending Oct. 31, 1928 | Amount |
|---|--------------------------------------|-----------|--|--------------------------------------|-----------------|
| | | \$ c. | | | \$ c. |
| St. Marys R.P.D. —Fullerton, Usborne, Blanshard and Downie twps. | 1 year | 300.09 | Thamesville R.P.D. —Camden, Euphemia, Zone, Orford, Howard and Chatham twps. | 1 year | 273.42 |
| St. Thomas R.P.D. —Southwold, Yarmouth, Westminster and Dunwich twps. | 6 " | 7,035.02 | Tilbury R.P.D. —Dover, Tilbury E., Tilbury W., Tilbury N., Raleigh and Romney twps. | 5 " | 772.35 |
| Saltfleet R.P.D. —Saltfleet, Barton, Binbrook and Grimsby N. twps. | 7 " | 13,869.27 | Tillsonburg R.P.D. —Norwich S., Bayham, Dorchester S., Malahide, Dereham, Middleton and Norwich N. twps. | 5 " | 7,922.67 |
| Sandwich R.P.D. —Sandwich W., Sandwich E., Sandwich S., Maidstone, Anderdon and Colchester N. twps. | 7 " | 16,359.01 | Wallaceburg R.P.D. —Dover, Chatham and Sombra twps. | 6 " | 3,991.67 |
| Sarnia R.P.D. —Sarnia, Moore and Plympton twps. | 6 " | 6,444.72 | Walsingham R.P.D. —Walsingham S. and Charlotteville twps. | 2 " | 738.45 |
| Scarboro R.P.D. —Scarboro, Pickering and York N. twps. | 5 " | 1,150.10 | Walton R.P.D. —Wawanosh W., Wawanosh E., McKillop, Morris, Grey and Hullett twps. | 4 " | 571.02 |
| Seaforth R.P.D. —Tucker-smith and McKillop twps. | 1 " | 233.76 | Waterdown R.P.D. —Flamboro E., Flamboro W. and Nelson twps. | 6 " | 4,222.26 |
| Simcoe R.P.D. —Woodhouse, Charlotteville, Windham and Townsend twps. | 6 " | 1,575.83 | Waterford R.P.D. —Windham and Townsend twps. | 5 " | 1,203.59 |
| Stamford R.P.D. —Stamford and Thorold twps. | 7 " | 2,045.72 | Welland R.P.D. —Bertie, Pelham, Thorold, Crowland, Wainfleet and Humberstone twps. | 7 " | 18,887.33 |
| Stratford R.P.D. —Ellice and Downie twps. | 5 " | 3,305.06 | Woodbridge R.P.D. —Toronto, Vaughan, York N., Etobicoke, Toronto Gore, Albion, King and Chinguacousy twps. | 6 " | 8,253.59 |
| Strathroy R.P.D. —Adelaide twp. | 2 " | 258.21 | Woodstock R.P.D. —Oxford W., Oxford N., Oxford E., Blandford, Zorra W. and Zorra E. twps. | 7 " | 8,899.14 |
| Streetsville R.P.D. —Toronto, Trafalgar, Esquesing and Chinguacousy twps. | 6 " | 1,270.29 | | | |
| Tavistock R.P.D. —Easthope N., Easthope S. and Zorra E. twps. | 6 " | 1,581.31 | | | |
| | | | | | \$11,974,361.22 |

NIAGARA SYSTEM

Reserve for Sinking Fund, October 31, 1928

| | | |
|---|--------------|-------------------------------|
| Total provision for sinking fund to October 31, 1927..... | | \$9,907,227.21 |
| Add: | | |
| Sinking fund provided on lines transferred from "Rural Lines" account to "Rural Power Districts" account..... | | 636.34 |
| | | <u>\$9,907,863.55</u> |
| Deduct: | | |
| Sinking fund on certain equipment sold..... | | 2,003.22 |
| | | <u>\$9,905,860.33</u> |
| Provided in the year ending October 31, 1928, in respect of: | | |
| Advances by the Province for construction of transmission lines and stations..... | \$327,681.94 | |
| Advances by the Province for construction of rural power districts..... | 28,553.37 | |
| Advances by the Province for construction of pipe line to Ontario Power generating station..... | 36,923.85 | |
| Advances by the Province for construction of Queenston- Chippawa development..... | 797,493.73 | |
| Bonds issued and assumed by the Commission in connection with the purchase of the properties of the Ontario Power Company, Toronto Power Company, Essex system and Thorold system..... | 481,613.60 | |
| Interest at 4% per annum on amounts standing at the credit of the reserve accounts..... | 396,234.40 | |
| | | <u>2,068,500.89</u> |
| | | <u><u>\$11,974,361.22</u></u> |

NIAGARA SYSTEM—RURAL LINES

Statement showing Interest, Sinking Fund, Renewals and Contingencies charged by the Commission to the Municipalities which operate the respective Rural Lines for the year ending October 31, 1928

| Lines operated by | Capital cost | Interest | Sinking fund | Renewals | Contingencies | Total interest, sinking fund, renewals and contingencies charged |
|------------------------|--------------|----------|--------------|----------|---------------|--|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Ancaster township..... | 5,734.62 | 235.12 | 103.22 | 114.69 | 57.35 | 510.38 |
| Brampton..... | 588.87 | 32.62 | 10.60 | 11.78 | 5.89 | 60.89 |
| Milton..... | 15,909.84 | 789.13 | 286.38 | 318.20 | 159.10 | 1,552.81 |
| Scarboro township..... | 4,521.25 | 278.96 | 81.38 | 90.43 | 45.21 | 495.98 |
| Welland..... | 19,617.60 | 823.94 | 353.12 | 392.35 | 196.18 | 1,765.59 |
| Totals..... | 46,372.18 | 2,159.77 | 834.70 | 927.45 | 463.73 | 4,385.65 |

NIAGARA RURAL LINES

Statement showing the total Sinking Fund paid in respect of each line together with interest allowed thereon to October 31, 1928

| Lines operated by | Period of years ending October 31, 1928 | Amount |
|------------------------|---|-----------|
| | | \$ c. |
| Ancaster township..... | 15 years | 1,895.24 |
| Brampton..... | 11 " | 146.17 |
| Milton..... | 15 " | 1,546.45 |
| Scarboro township..... | 11 " | 1,577.75 |
| Welland..... | 16 " | 7,151.49 |
| Total..... | | 12,317.10 |

GEORGIAN BAY
Operating Account for Year

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | |
|--|---------------------|
| Power purchased..... | \$13,677.86 |
| Costs of operation and maintenance, including the proportion of administrative expenses chargeable to the operation of the system: | |
| Generation and transmission equipment..... | \$259,037.24 |
| Rural power districts..... | 8,278.10 |
| | 267,315.34 |
| Interest on capital investment in: | |
| Generation and transmission equipment..... | \$240,997.62 |
| Rural power districts..... | 6,285.82 |
| | 247,283.44 |
| Provision for renewal of: | |
| Generation and transmission equipment..... | \$67,610.72 |
| Rural power districts..... | 4,656.41 |
| | 72,267.13 |
| Provision for obsolescence and contingencies in respect of: | |
| Generation and transmission equipment..... | \$43,293.92 |
| Rural power districts..... | 4,656.38 |
| | 47,950.30 |
| Provision for sinking fund: | |
| By charges included in the cost of power delivered to municipalities and rural power districts..... | \$50,221.77 |
| By charges against contracts with private companies which purchased power..... | 4,251.65 |
| By charges included in the cost of distribution of power within rural power districts..... | 1,418.82 |
| | 55,892.24 |
| | <u>\$704,386.31</u> |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost (under the received by the Commission from each Municipality on account of such cost, upon ascertainment (by annual adjustment) of the actual cost of

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating costs | | |
|-----------------|--|-----------------|---|---|-------------------------|---|-----------|----------|
| | To Jan.1 1928 | To Oct. 31 1928 | | | | Operating maintenance and administrative expenses | Interest | Renewals |
| | | | | | | | | |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alliston..... | 75.00 | 70.00 | 81,508.45 | 170.0 | 119.95 | 2,492.81 | 3,785.35 | 1,329.64 |
| Arthur..... | | 90.00 | 57,232.91 | 99.0 | 69.85 | 2,143.10 | 2,644.59 | 969.03 |
| Barrie..... | | 30.00 | 352,283.65 | 1,686.7 | 1,190.12 | 18,387.87 | 16,325.50 | 4,063.86 |
| Beaverton..... | | 40.00 | 42,863.79 | 182.7 | 128.91 | 2,739.50 | 1,959.84 | 529.55 |
| Beeton..... | | 85.00 | 61,768.43 | 105.1 | 74.16 | 1,870.95 | 2,866.08 | 1,049.56 |
| Bradford..... | | 84.00 | 80,528.10 | 156.5 | 110.43 | 2,538.75 | 3,743.89 | 1,335.20 |
| Brechin..... | 70.00 | 65.00 | 16,770.41 | 48.1 | 33.94 | 792.09 | 767.53 | 249.71 |
| Cannington..... | | 45.00 | 33,724.88 | 128.8 | 90.88 | 2,356.74 | 1,543.39 | 443.49 |
| Chatsworth..... | | 53.00 | 11,528.70 | 42.6 | 30.06 | 664.10 | 532.98 | 155.00 |
| Chesley..... | | 45.00 | 106,623.86 | 371.9 | 262.41 | 4,985.59 | 4,937.80 | 1,472.69 |

SYSTEM

ending October 31st, 1928

REVENUE FOR PERIOD

| | | |
|---|--------------|--------------|
| Collected from municipalities..... | \$709,620.13 | |
| Power sold to private companies..... | 52,974.78 | |
| Collected from customers in rural power districts..... | 44,584.17 | |
| | | \$807,179.08 |
| Add: | | |
| Amounts due by certain municipalities, being the difference between the sums paid and the cost of power supplied to them in the year..... | \$253.05 | |
| Amounts due by municipalities comprising certain rural power districts, being the difference between the revenue collected from customers therein and the cost of power supplied to them in the year..... | 2,153.18 | |
| | | 2,406.23 |
| | | \$809,585.31 |
| Deduct: | | |
| Amounts collected from certain municipalities in excess of the sums required to be paid by them for power supplied in the year.. | \$101,548.30 | |
| Amounts collected from customers in certain rural power districts in excess of the cost of power delivered thereto..... | 3,650.70 | |
| | | 105,199.00 |
| Revenue..... | | \$704,386.31 |
| | | \$704,386.31 |

SYSTEM

COST OF POWER

Power Commission Act) of Power supplied to it by the Commission, the amount—and the amount remaining to be credited or charged to each Municipality power supplied to it in the year ending October 31, 1928.

| and fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|-----------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 463.45 | 856.06 | 9,047.26 | 0.61 | 9,046.65 | 12,047.48 | 3,000.83 | ..... |
| 299.38 | 601.04 | 6,726.99 | 0.36 | 6,726.63 | 8,910.75 | 2,184.12 | ..... |
| 3,313.55 | 3,687.48 | 46,968.38 | 6.09 | 46,962.29 | 50,599.75 | 3,637.46 | ..... |
| 374.20 | 446.47 | 6,178.47 | 0.66 | 6,177.81 | 7,306.96 | 1,129.15 | ..... |
| 312.67 | 649.04 | 6,822.46 | 0.38 | 6,822.08 | 8,935.58 | 2,113.50 | ..... |
| 444.00 | 846.60 | 9,018.87 | 0.56 | 9,018.31 | 13,145.30 | 4,126.99 | ..... |
| 118.85 | 175.61 | 2,137.73 | 0.17 | 2,137.56 | 3,168.15 | 1,030.59 | ..... |
| 277.44 | 351.69 | 5,063.63 | 0.46 | 5,063.17 | 5,794.47 | 731.30 | ..... |
| 98.58 | 120.70 | 1,601.42 | 0.15 | 1,601.27 | 2,258.18 | 656.91 | ..... |
| 820.89 | 1,116.66 | 13,596.04 | 1.34 | 13,594.70 | 16,736.17 | 3,141.47 | ..... |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost (under the received by the Commission from each Municipality on account of such cost, upon ascertainment (by annual adjustment) of the actual cost of

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating costs | | | |
|----------------------|--|-----------------|---|--|-------------------------|---|-----------|----------|----|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating maintenance and administrative expenses | Interest | Renewals | |
| | | | | | | | | | |
| | \$ | c. | \$ | c. | | \$ | c. | \$ | c. |
| Coldwater..... | | 41.00 | 28,165.85 | 103.9 | 73.31 | 1,226.34 | 1,300.74 | 378.98 | |
| Collingwood..... | | 40.00 | 323,787.15 | 1,198.3 | 845.51 | 18,056.19 | 14,897.74 | 4,349.83 | |
| Cookstown..... | | 60.00 | 18,348.75 | 45.8 | 32.32 | 700.81 | 851.67 | 286.00 | |
| Creemore..... | | 60.00 | 34,771.56 | 90.8 | 64.07 | 1,783.54 | 1,606.94 | 534.34 | |
| Dundalk..... | 37.00 | 40.00 | 34,481.34 | 159.8 | 112.75 | 2,449.63 | 1,596.14 | 406.13 | |
| Durham..... | | 35.00 | 98,424.56 | 469.7 | 331.42 | 5,511.38 | 4,555.97 | 1,135.19 | |
| Elmvale..... | | 36.00 | 43,570.88 | 195.8 | 138.16 | 2,769.59 | 2,010.24 | 524.05 | |
| Elmwood..... | | 52.00 | 13,835.70 | 43.5 | 30.69 | 828.49 | 642.21 | 199.54 | |
| Flesherton..... | | 50.00 | 18,926.87 | 68.3 | 48.19 | 1,118.11 | 875.65 | 223.82 | |
| Grand Valley... | 60.00 | 65.00 | 39,654.73 | 95.8 | 67.60 | 1,803.59 | 1,836.25 | 623.14 | |
| Gravenhurst..... | | 25.00 | 59,224.32 | 470.1 | | 5,884.47 | 2,740.42 | 573.06 | |
| Hanover..... | | 38.00 | 211,953.54 | 858.7 | 605.89 | 10,002.56 | 10,033.86 | 2,823.56 | |
| Holstein..... | | 90.00 | 12,657.91 | 13.3 | 9.38 | 437.91 | 585.84 | 229.55 | |
| Huntsville..... | | 27.00 | 185,035.10 | 1,141.9 | 79.03 | 13,399.42 | 8,545.79 | 2,117.74 | |
| Kincardine..... | 72.00 | 70.00 | 144,055.02 | 289.6 | 204.34 | 4,959.33 | 6,696.06 | 2,367.32 | |
| Kirkfield..... | | 65.00 | 9,550.44 | 20.9 | 14.75 | 373.47 | 441.36 | 153.71 | |
| Lucknow..... | | 75.00 | 74,295.20 | 148.2 | 104.57 | 3,218.13 | 3,454.21 | 1,222.98 | |
| Markdale..... | | 37.00 | 28,392.41 | 127.5 | 89.96 | 1,767.55 | 1,316.03 | 306.20 | |
| Meaford..... | | 45.00 | 92,444.49 | 314.7 | 222.05 | 3,978.82 | 4,312.57 | 1,296.35 | |
| Midland..... | | 26.00 | 765,800.11 | 4,265.1 | 3,009.43 | 39,487.65 | 35,437.49 | 7,733.08 | |
| Mount Forest..... | | 48.00 | 83,882.44 | 289.6 | 204.34 | 4,068.17 | 3,878.67 | 1,163.88 | |
| Neustadt..... | 65.00 | 70.00 | 49,425.46 | 109.6 | 77.33 | 1,494.07 | 2,323.70 | 806.92 | |
| Orangeville..... | | 55.00 | 116,098.57 | 382.0 | 269.54 | 5,642.66 | 5,418.47 | 1,661.05 | |
| Owen Sound..... | | 30.00 | 499,216.85 | 2,413.6 | 1,703.02 | 24,374.59 | 23,116.51 | 5,702.38 | |
| Paisley..... | | 65.00 | 43,862.47 | 110.9 | 78.25 | 2,182.02 | 2,039.75 | 680.50 | |
| Penetanguishene..... | | 35.00 | 124,707.59 | 544.9 | 384.48 | 7,183.89 | 5,719.90 | 1,527.45 | |
| Port McNicoll..... | | 33.00 | 16,964.57 | 80.2 | 56.59 | 852.84 | 780.91 | 195.15 | |
| Port Perry..... | | 62.00 | 58,121.57 | 152.2 | 107.39 | 2,772.04 | 2,694.47 | 889.45 | |
| Priceville..... | | 85.00 | 6,358.48 | 11.2 | 7.90 | 390.57 | 295.44 | 107.31 | |
| Ripley..... | | 95.00 | 35,071.54 | 54.0 | 38.10 | 1,272.40 | 1,630.00 | 605.64 | |
| Shelburne..... | | 42.00 | 62,854.09 | 248.4 | 175.27 | 3,758.57 | 2,910.82 | 815.95 | |
| Stayner..... | | 45.00 | 34,829.81 | 136.6 | 96.38 | 2,408.42 | 1,604.49 | 454.25 | |
| Sunderland..... | | 65.00 | 21,845.86 | 53.8 | 37.96 | 1,103.56 | 998.44 | 340.42 | |
| Tara..... | | 93.00 | 38,853.55 | 53.3 | 37.61 | 1,288.78 | 1,808.19 | 685.03 | |
| Teeswater..... | | 58.00 | 57,881.77 | 136.9 | 96.60 | 2,175.47 | 2,688.69 | 914.78 | |
| Thornton..... | | 90.00 | 14,384.07 | 24.1 | 17.00 | 379.01 | 667.91 | 245.07 | |
| Tottenham..... | | 96.00 | 42,544.53 | 57.0 | 40.22 | 1,106.51 | 1,975.18 | 750.12 | |
| Uxbridge..... | | 65.00 | 62,568.71 | 156.4 | 110.35 | 2,938.31 | 2,900.90 | 970.86 | |
| Victoria Harbor..... | | 45.00 | 17,948.07 | 68.8 | 48.54 | 914.14 | 829.12 | 236.91 | |
| Waubashene..... | | 45.00 | 11,912.71 | 50.3 | 35.49 | 749.35 | 551.34 | 149.01 | |
| Wingham..... | | 71.00 | 159,270.42 | 300.2 | 211.82 | 5,285.75 | 7,400.81 | 2,652.84 | |
| Woodville..... | | 60.00 | 19,586.71 | 50.0 | 35.28 | 921.66 | 892.43 | 302.05 | |

SYSTEM

COST OF POWER

Power Commission Act) of Power supplied to it by the Commission—the amount—and the amount remaining to be credited or charged to each Municipality power supplied to it in the year ending October 31, 1928

| and fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|------------|---|--|---|--|---------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 235.18 | 294.88 | 3,509.43 | 0.37 | 3,509.06 | 4,258.52 | 749.46 | ..... |
| 2,594.79 | 3,389.84 | 44,133.90 | 4.32 | 44,129.58 | 47,930.95 | 3,801.37 | ..... |
| 120.62 | 192.61 | 2,184.03 | 0.16 | 2,183.87 | 2,747.50 | 563.63 | ..... |
| 221.83 | 364.66 | 4,575.38 | 0.33 | 4,575.05 | 5,448.50 | 873.45 | ..... |
| 324.77 | 360.47 | 5,249.89 | 0.58 | 5,249.31 | 6,301.01 | 1,051.70 | ..... |
| 945.68 | 1,028.72 | 13,508.36 | 1.69 | 13,506.67 | 16,440.05 | 2,933.38 | ..... |
| 402.25 | 455.59 | 6,299.88 | 0.71 | 6,299.17 | 7,047.48 | 748.31 | ..... |
| 106.34 | 144.98 | 1,952.25 | 0.16 | 1,952.09 | 2,261.51 | 309.42 | ..... |
| 150.91 | 198.18 | 2,614.86 | 0.25 | 2,614.61 | 3,413.29 | 798.68 | ..... |
| 248.66 | 415.99 | 4,995.23 | 0.35 | 4,994.88 | 6,139.45 | 1,144.57 | ..... |
| 659.32 | 623.63 | 10,480.90 | 1.71 | 10,479.19 | 11,752.04 | 1,272.85 | ..... |
| 1,875.15 | 2,274.62 | 27,615.64 | 3.10 | 27,612.54 | 32,737.90 | 5,125.36 | ..... |
| 52.10 | 133.07 | 1,447.85 | 0.05 | 1,447.80 | 1,194.75 | ..... | 253.05 |
| 1,755.73 | 1,942.95 | 27,840.66 | 4.15 | 27,836.51 | 30,832.18 | 2,995.67 | ..... |
| 808.07 | 1,512.15 | 16,547.27 | 1.05 | 16,546.22 | 20,365.89 | 3,819.67 | ..... |
| 55.73 | 100.11 | 1,139.13 | 0.07 | 1,139.06 | 1,355.21 | 216.15 | ..... |
| 419.97 | 779.90 | 9,199.76 | 0.53 | 9,199.23 | 11,115.60 | 1,916.37 | ..... |
| 258.93 | 296.89 | 4,035.56 | 0.46 | 4,035.10 | 4,718.71 | 683.61 | ..... |
| 692.38 | 971.32 | 11,473.49 | 1.13 | 11,472.36 | 14,161.09 | 2,688.73 | ..... |
| 7,978.15 | 7,985.46 | 101,631.26 | 15.39 | 101,615.87 | 110,892.33 | 9,276.46 | ..... |
| 639.64 | 878.54 | 10,833.24 | 1.04 | 10,832.20 | 13,902.40 | 3,070.20 | ..... |
| 295.15 | 525.42 | 5,522.59 | 0.39 | 5,522.20 | 7,390.39 | 1,868.19 | ..... |
| 864.16 | 1,225.10 | 15,080.98 | 1.39 | 15,079.59 | 21,007.62 | 5,928.03 | ..... |
| 4,752.31 | 5,217.21 | 64,866.02 | 8.72 | 64,857.30 | 72,408.55 | 7,551.25 | ..... |
| 274.96 | 460.05 | 5,715.53 | 0.40 | 5,715.13 | 7,205.74 | 1,490.61 | ..... |
| 1,116.25 | 1,304.25 | 17,236.22 | 1.98 | 17,234.24 | 19,071.11 | 1,836.87 | ..... |
| 163.33 | 176.34 | 2,225.16 | 0.29 | 2,224.87 | 2,647.68 | 422.81 | ..... |
| 368.43 | 607.97 | 7,439.75 | 0.55 | 7,439.20 | 9,434.79 | 1,995.59 | ..... |
| 42.99 | 66.78 | 910.99 | 0.04 | 910.95 | 955.49 | 44.54 | ..... |
| 173.03 | 368.42 | 4,087.59 | 0.19 | 4,087.40 | 5,130.76 | 1,043.36 | ..... |
| 533.73 | 657.54 | 8,851.88 | 0.89 | 8,850.99 | 10,432.71 | 1,581.72 | ..... |
| 290.01 | 364.52 | 5,218.07 | 0.49 | 5,217.58 | 6,145.01 | 927.43 | ..... |
| 136.68 | 228.60 | 2,845.66 | 0.19 | 2,845.47 | 3,498.04 | 652.57 | ..... |
| 183.47 | 409.58 | 4,412.66 | 0.19 | 4,412.47 | 4,955.33 | 542.86 | ..... |
| 373.04 | 607.27 | 6,855.85 | 0.49 | 6,855.36 | 7,941.98 | 1,086.62 | ..... |
| 80.16 | 151.15 | 1,540.30 | 0.08 | 1,540.22 | 2,164.50 | 624.28 | ..... |
| 195.79 | 447.25 | 4,515.07 | 0.20 | 4,514.87 | 5,471.20 | 956.33 | ..... |
| 385.65 | 654.69 | 7,960.76 | 0.56 | 7,960.20 | 10,164.89 | 2,204.69 | ..... |
| 150.95 | 187.87 | 2,367.53 | 0.25 | 2,367.28 | 3,095.97 | 728.69 | ..... |
| 110.15 | 124.62 | 1,719.96 | 0.18 | 1,719.78 | 2,261.98 | 542.20 | ..... |
| 886.53 | 1,672.20 | 18,109.95 | 1.09 | 18,108.86 | 21,314.74 | 3,205.88 | ..... |
| 123.93 | 204.91 | 2,480.26 | 0.18 | 2,480.08 | 3,002.50 | 522.42 | ..... |

GEORGIAN BAY

Statement showing the amount to be paid by each Municipality as the Cost (under the received by the Commission from each Municipality on account of such cost, upon ascertainment (by annual adjustment) of the actual cost of

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating costs | | |
|--|--|-----------------|---|---|-------------------------|---|------------|-----------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating maintenance and administrative expenses | Interest | Renewals |
| RURAL POWER DISTRICTS | | | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Barrie R.P.D.—Vespra, Oro and Innisfil twps. | | | 9,364.95 | 42.0 | 29.63 | 520.64 | 433.59 | 112.49 |
| Beaumaris R.P.D.—Monck twp. | | | 10,878.95 | 27.7 | 19.54 | 357.66 | 308.96 | 83.21 |
| Buckskin R.P.D.—Matchedash, Wood and Medora twps. | | | 3,100.36 | 3.8 | 2.68 | 186.52 | 56.94 | 17.66 |
| Cannington 1, R.P.D.—Brock and Eldon twps. | | | 5,232.13 | 16.0 | 11.29 | 273.10 | 241.41 | 75.94 |
| Cannington 2, R.P.D.—Brock twp. | | | 6,138.62 | 18.6 | 13.12 | 335.93 | 282.86 | 89.43 |
| Elmvale R.P.D.—Flos twp. ... | | | 3,977.59 | 13.6 | 9.60 | 210.45 | 184.67 | 55.42 |
| Flesherton R.P.D.—Artemesia twp. | | | 1,470.27 | 4.2 | 2.96 | 73.22 | 67.70 | 19.90 |
| Georgina R.P.D.—Georgina and Brock twps. | | | 7,539.03 | 30.7 | 21.66 | 631.34 | 349.57 | 95.70 |
| Innisfil R.P.D.—Innisfil and Gwillimbury twps. | | | 9,423.28 | 14.6 | 10.30 | 209.98 | 306.14 | 105.31 |
| Mariposa R.P.D.—Mariposa and Brock twps. | | | 21,209.42 | 66.4 | 46.85 | 1,163.53 | 978.39 | 305.10 |
| Markdale R.P.D.—Artemesia twp. | | | 104.94 | 0.5 | 0.35 | 5.52 | 3.93 | 1.06 |
| Nottawasaga R.P.D.—Nottawasaga twp. | | | 7,774.77 | 27.0 | 19.05 | 526.66 | 357.87 | 107.59 |
| Orangeville R.P.D.—Garafra E. and Amaranth twps. | | | 7,673.22 | 23.9 | 16.86 | 397.54 | 360.42 | 112.12 |
| Port Perry R.P.D.—Reach and Scugog twps. | | | 6,180.29 | 19.2 | 13.55 | 339.61 | 286.81 | 89.16 |
| Shelburne R.P.D.—Melancthon twp. | | | 1,578.50 | 3.9 | 2.75 | 77.14 | 73.25 | 24.64 |
| Sparrow Lake R.P.D.—Rama, Orillia N. and Morrison twps. | | | 10,692.79 | 55.0 | 38.81 | 470.43 | 496.85 | 116.28 |
| Stayner R.P.D.—Nottawasaga, Sunnidale and Flos twps. | | | 19,854.94 | 69.0 | 48.69 | 1,034.64 | 918.90 | 274.69 |
| Tara R.P.D.—Derby and Arran twps. | | | 4,425.91 | 10.1 | 7.13 | 210.30 | 207.62 | 71.11 |
| Uxbridge R.P.D.—Uxbridge and Reach twps. | | | 2,060.12 | 6.4 | 4.52 | 104.42 | 95.50 | 29.72 |
| Walkerton Quarry R. P. D.—Brant twp. | | | 666.03 | 1.5 | 1.06 | 112.60 | 30.45 | 10.66 |
| Totals—Municipalities. | | | 4,645,745.07 | 18,597.1 | 12,063.59 | 231,991.26 | 215,970.27 | 60,939.32 |
| Totals—Rural power districts. . | | | 153,999.99 | 454.1 | 320.40 | 7,241.23 | 6,041.83 | 1,797.19 |
| Totals—Companies. | | | 408,354.71 | 1,833.7 | 1,293.87 | 19,804.75 | 18,985.52 | 4,874.21 |
| | | | 5,208,099.77 | | | | | |
| Non-operating capital. | | | 152,591.56 | | | | | |
| Grand Totals. | | | 5,360,691.33 | 20,884.9 | 13,677.86 | 259,037.24 | 240,997.62 | 67,610.72 |

SYSTEM

COST OF POWER

Power Commission Act) of Power supplied to it by the Commission—the amount
—and the amount remaining to be credited or charged to each Municipality
power supplied to it in the year ending October 31, 1928

| and fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--|-----------------|------------|---|--|---|--|---------|
| Obsoles- cence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 85.33 | 97.77 | 1,279.45 | 0.15 | 1,279.30 | 1,279.30 | see page | 191 |
| 61.15 | 69.23 | 899.75 | 0.11 | 899.64 | 899.64 | see page | 191 |
| 10.00 | 12.79 | 286.59 | 0.01 | 286.58 | 286.58 | see page | 191 |
| 37.07 | 54.67 | 693.48 | 0.06 | 693.42 | 693.42 | see page | 191 |
| 43.34 | 64.15 | 828.83 | 0.07 | 828.76 | 828.76 | see page | 191 |
| 32.78 | 41.66 | 534.58 | 0.05 | 534.53 | 534.53 | see page | 191 |
| 10.81 | 15.41 | 190.00 | 0.02 | 189.98 | 189.98 | see page | 191 |
| 64.56 | 78.56 | 1,241.39 | 0.11 | 1,241.28 | 1,241.28 | see page | 191 |
| 40.69 | 68.85 | 741.27 | 0.05 | 741.22 | 741.22 | see page | 191 |
| 156.40 | 221.57 | 2,871.84 | 0.24 | 2,871.60 | 2,871.60 | see page | 191 |
| 1.00 | 1.09 | 12.95 | ..... | 12.95 | 12.95 | see page | 191 |
| 60.86 | 81.43 | 1,153.46 | 0.10 | 1,153.36 | 1,153.36 | see page | 191 |
| 56.11 | 80.96 | 1,024.01 | 0.08 | 1,023.93 | 1,023.93 | see page | 191 |
| 43.29 | 64.56 | 836.98 | 0.07 | 836.91 | 836.91 | see page | 191 |
| 10.84 | 16.55 | 205.17 | 0.01 | 205.16 | 205.16 | see page | 191 |
| 110.01 | 111.70 | 1,344.08 | 0.20 | 1,343.88 | 1,343.88 | see page | 191 |
| 157.80 | 207.95 | 2,642.67 | 0.25 | 2,642.42 | 2,642.42 | see page | 191 |
| 27.03 | 46.71 | 569.90 | 0.03 | 569.87 | 569.87 | see page | 191 |
| 14.43 | 21.52 | 270.11 | 0.02 | 270.09 | 270.09 | see page | 191 |
| 4.49 | 6.99 | 166.25 | 0.01 | 166.24 | 166.24 | see page | 191 |
| 38,569.91 | 48,857.65 | 608,392.00 | 67.12 | 608,324.88 | 709,620.13 | 101,548.30 | 253.05 |
| 1,027.99 | 1,364.12 | 17,792.76 | 1.64 | 17,791.12 | 17,791.12 | ..... | ..... |
| 3,696.02 | 4,251.65 | 52,906.02 | (68.76) | 52,974.78 | 52,974.78 | ..... | ..... |
| 43,293.92 | 54,473.42 | 679,090.78 | ..... | 679,090.78 | 780,386.03 | ..... | ..... |

GEORGIAN BAY SYSTEM—

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain districts or charged to annual adjustment) of the actual costs

| District and municipalities comprised therein: | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to district as shown in "cost of power" table preceding |
|---|---|------------------|-------------------------|---|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Barrie R.P.D.—Vespra, Oro and Innisfil twps..... | 16,779.16 | 8,389.58 | 8,389.58 | 1,279.30 |
| Beaumaris R.P.D.—Monck twp..... | 42,107.75 | 21,053.87 | 21,053.88 | 899.64 |
| Beeton R.P.D.—Tecumseh twp..... | 565.92 | 282.96 | 282.96 | ..... |
| Buckskin R.P.D.—Matchedash, Wood and Medora twps..... | 3,475.57 | ..... | 3,475.57 | 286.58 |
| Cannington 1, R.P.D.—Brock and Eldon twps..... | *6,287.51 | 2,806.56 | 3,480.95 | 693.42 |
| Cannington 2, R.P.D.—Brock twp... | *8,151.01 | 3,522.14 | 4,628.87 | 828.76 |
| Elmvale R.P.D.—Flos twp..... | 1,509.05 | 622.20 | 886.85 | 534.53 |
| Flesherton R.P.D.—Artemesia twp... | 2,715.13 | 1,357.57 | 1,357.56 | 189.98 |
| Georgina R.P.D.—Georgina and Brock twps..... | 17,100.81 | 8,550.41 | 8,550.40 | 1,241.28 |
| Innisfil R.P.D.—Innisfil and Gwillimbury twps..... | 30,501.32 | 15,250.66 | 15,250.66 | 741.22 |
| Lucknow R.P.D.—Kinloss twp..... | 331.45 | 165.73 | 165.72 | ..... |
| Mariposa R.P.D.—Mariposa and Brock twps..... | 33,755.59 | 16,877.79 | 16,877.80 | 2,871.60 |
| Markdale R.P.D.—Artemesia twp.... | 1,299.44 | 649.72 | 649.72 | 12.95 |
| Neustadt R.P.D.—Bentinck twp..... | 513.09 | 256.54 | 256.55 | ..... |
| Nottawasaga R.P.D.—Nottawasaga twp..... | 15,658.50 | 7,829.25 | 7,829.25 | 1,153.36 |
| Orangeville R.P.D.—Garafraxa E. and Amaranth twps..... | 13,273.79 | 6,636.89 | 6,636.90 | 1,023.93 |
| Port Perry R.P.D.—Reach and Scugog twps..... | *4,791.61 | 2,094.64 | 2,696.97 | 836.91 |
| Ripley R.P.D.—Kinloss twp..... | 395.67 | 197.83 | 197.84 | ..... |
| Shelburne R.P.D.—Melancthon twp.. | *4,226.94 | 1,833.32 | 2,393.62 | 205.16 |
| Sparrow Lake R.P.D.—Rama, Orillia N. and Morrison twps..... | 38,353.10 | 19,176.55 | 19,176.55 | 1,343.88 |
| Stayner R.P.D.—Nottawasaga, Sunnidale and Flos twps..... | 35,139.63 | ..... | 35,139.63 | 2,642.42 |
| Tara R.P.D.—Derby and Arran twps. | *8,857.59 | 4,315.81 | 4,541.78 | 569.87 |
| Uxbridge R.P.D.—Uxbridge and Reach twps..... | *1,818.75 | 724.14 | 1,094.61 | 270.09 |
| Walkerton Quarry R.P.D.—Brant twp..... | 2,285.90 | 1,142.95 | 1,142.95 | 166.24 |
| Non-operating capital..... | 289,894.28 | | 166,157.17 | |
| | 16,684.09 | | 16,684.09 | |
| Totals..... | 306,578.37 | 123,737.11 | 182,841.26 | 17,791.12 |

Note.—Items marked * include portions of transmission lines used for purposes of Rural power districts.

RURAL POWER DISTRICTS

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each district, the Municipalities comprising certain other districts upon ascertainment (by in the year ending October 31, 1928.

| Distribution cost and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|--------------|------------|---|---|----------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 476.12 | 378.98 | 325.09 | 325.10 | 85.58 | 2,870.17 | 3,511.09 | 640.92 | ..... |
| 411.77 | 408.96 | 350.81 | 350.82 | 92.35 | 2,514.35 | 1,727.28 | ..... | 787.07 |
| 3.05 | 14.08 | 11.32 | 11.32 | 2.98 | 42.75 | 34.02 | ..... | 8.73 |
| 27.06 | 40.52 | 17.38 | 17.38 | 9.15 | 398.07 | 136.55 | ..... | 261.52 |
| 250.78 | 162.01 | 125.60 | 125.60 | 36.58 | 1,393.99 | 1,498.58 | 104.59 | ..... |
| 414.79 | 210.98 | 158.85 | 158.84 | 47.64 | 1,819.86 | 2,069.50 | 249.64 | ..... |
| 215.14 | 41.35 | 17.73 | 17.72 | 9.34 | 835.81 | 973.27 | 137.46 | ..... |
| 172.59 | 63.31 | 54.30 | 54.30 | 14.30 | 548.78 | 497.79 | ..... | 50.99 |
| 642.43 | 396.51 | 340.13 | 340.12 | 89.54 | 3,050.01 | 3,265.00 | 214.99 | ..... |
| 342.07 | 229.79 | 197.11 | 197.12 | 51.89 | 1,759.20 | 1,617.58 | ..... | 141.62 |
| 3.06 | 8.18 | 6.63 | 6.62 | 1.75 | 26.24 | 19.88 | ..... | 6.36 |
| 1,418.91 | 779.50 | 668.66 | 668.66 | 176.02 | 6,583.35 | 6,908.38 | 325.03 | ..... |
| 64.70 | 30.30 | 25.99 | 26.00 | 6.84 | 166.78 | 179.54 | 12.76 | ..... |
| 3.05 | 12.78 | 10.26 | 10.26 | 2.70 | 39.05 | 30.84 | ..... | 8.21 |
| 397.58 | 361.67 | 310.24 | 310.24 | 81.67 | 2,614.76 | 2,478.18 | ..... | 136.58 |
| 206.15 | 308.23 | 264.39 | 264.40 | 69.60 | 2,136.70 | 1,622.42 | ..... | 514.28 |
| 211.03 | 123.71 | 94.07 | 94.06 | 27.93 | 1,387.71 | 1,337.58 | ..... | 50.13 |
| 6.10 | 9.77 | 7.91 | 7.92 | 2.08 | 33.78 | 23.74 | ..... | 10.04 |
| 163.86 | 111.00 | 84.02 | 84.00 | 25.07 | 673.11 | 579.54 | ..... | 93.57 |
| 1,097.57 | 855.89 | 734.18 | 734.18 | 193.27 | 4,958.97 | 5,651.56 | 692.59 | ..... |
| 1,219.65 | 1,462.89 | 627.43 | 627.42 | 330.34 | 6,910.15 | 8,156.36 | 1,246.21 | ..... |
| 346.36 | 171.10 | 142.25 | 142.24 | 38.64 | 1,410.46 | 1,436.97 | 26.51 | ..... |
| 126.85 | 51.01 | 36.34 | 36.34 | 11.52 | 532.15 | 505.36 | ..... | 26.79 |
| 57.43 | 53.30 | 45.72 | 45.72 | 12.04 | 380.45 | 323.16 | ..... | 57.29 |
| 8,278.10 | 6,285.82 | 4,656.41 | 4,656.38 | 1,418.82 | 43,086.65 | 44,584.17 | 3,650.70 | 2,153.18 |

Net Credit..... \$1,497.52

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power interest added during the year; also the net amount Credited or Charged October 31, 1928, and the accumulated amount standing as

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges | |
|--------------------|--------------------------|--|----------|---|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alliston..... | June, 1918 | 1,805.48 | | | 1,805.48 |
| Arthur..... | Dec., 1916 | 598.30 | | | |
| Barrie..... | April, 1913 | | 4,661.21 | 4,661.21 | |
| Beaverton..... | Nov., 1914 | 803.26 | | | 803.26 |
| Beeton..... | Aug., 1918 | 933.83 | | | |
| Bradford..... | Oct., 1918 | | 2,715.06 | 2,715.06 | |
| Brechin..... | Jan., 1915 | 1,085.40 | | | 1,085.40 |
| Cannington..... | Nov., 1914 | 839.50 | | | 839.50 |
| Chatsworth..... | Dec., 1915 | 235.44 | | | 235.44 |
| Chesley..... | July, 1916 | 1,796.91 | | | 1,796.91 |
| Coldwater..... | Mar., 1913 | 606.18 | | | 606.18 |
| Collingwood..... | Mar., 1913 | 2,221.51 | | | 2,221.51 |
| Cookstown..... | May, 1918 | 341.26 | | | 341.26 |
| Creemore..... | Nov., 1914 | 1,411.21 | | | 1,411.21 |
| Dundalk..... | Dec., 1915 | | 116.49 | 116.49 | |
| Durham..... | Dec., 1915 | 1,103.52 | | | 1,103.52 |
| Elmvale..... | June, 1913 | | 398.28 | | |
| Elmwood..... | April, 1918 | 245.99 | | | 245.99 |
| Flesherton..... | Dec., 1915 | 1,328.32 | | | 1,328.32 |
| Grand Valley..... | Dec., 1916 | 1,253.52 | | | 1,253.52 |
| Gravenhurst..... | Nov., 1915 | 778.99 | | | 778.99 |
| Hanover..... | Sept., 1916 | 2,588.04 | | | 2,588.04 |
| Holstein..... | May, 1916 | | 4,770.87 | 800.00 | |
| Huntsville..... | Sept., 1916 | 2,562.52 | | | 2,562.52 |
| Kincardine..... | Mar., 1921 | | 687.92 | 687.92 | |
| Kirkfield..... | June, 1920 | 76.91 | | | 76.91 |
| Lucknow..... | Jan., 1921 | 1,180.88 | | | 1,180.88 |
| Markdale..... | Mar., 1916 | 301.09 | | | 301.09 |
| Meaford..... | Jan., 1924 | 4,721.00 | | | 4,721.00 |
| Midland..... | July, 1911 | 2,101.70 | | | 2,101.70 |
| Mount Forest..... | Dec., 1915 | 4,262.86 | | | 1,306.27 |
| Neustadt..... | Dec., 1918 | | 2,181.66 | | |
| Orangeville..... | July, 1916 | 2,679.26 | | | 2,679.26 |
| Owen Sound..... | Dec., 1915 | 3,575.33 | | | 3,575.33 |
| Paisley..... | Sept., 1923 | 1,931.51 | | | 1,931.51 |
| Penetang..... | July, 1911 | 3,043.22 | | | 3,043.22 |
| Port McNicoll..... | Jan., 1915 | 260.38 | | | 260.38 |
| Port Perry..... | Sept., 1922 | 1,409.30 | | | 1,409.30 |
| Priceville..... | Mar., 1921 | | 258.91 | | |
| Ripley..... | Jan., 1921 | 377.87 | | | 377.87 |
| Shelburne..... | July, 1916 | 161.93 | | | 161.93 |
| Stayner..... | Oct., 1913 | 343.29 | | | 343.29 |
| Sunderland..... | Nov., 1914 | 356.53 | | | 356.53 |
| Tara..... | Feb., 1918 | | 3,842.95 | | |
| Teeswater..... | Dec., 1920 | 177.91 | | | 177.91 |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927; the cash receipts and payments thereon, and to each Municipality in respect of power supplied in the year ending a Credit or Charge to each Municipality at October, 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|--|---------|---|---------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 42.36 | | 3,000.83 | | 3,043.19 | |
| 23.93 | | 2,184.12 | | 2,806.35 | |
| | 13.67 | 3,637.46 | | 3,623.79 | |
| 16.33 | | 1,129.15 | | 1,145.48 | |
| 37.35 | | 2,113.50 | | 3,084.68 | |
| | 33.64 | 4,126.99 | | 4,093.35 | |
| 22.54 | | 1,030.59 | | 1,053.13 | |
| 19.55 | | 731.30 | | 750.85 | |
| 5.18 | | 656.91 | | 662.09 | |
| 30.10 | | 3,141.47 | | 3,171.57 | |
| 6.61 | | 749.46 | | 756.07 | |
| 36.42 | | 3,801.37 | | 3,837.79 | |
| 6.93 | | 563.63 | | 570.56 | |
| 36.12 | | 873.45 | | 909.57 | |
| | 2.29 | 1,051.70 | | 1,049.41 | |
| 24.36 | | 2,933.38 | | 2,957.74 | |
| | 15.93 | 748.31 | | 334.10 | |
| 5.94 | | 309.42 | | 315.36 | |
| 37.90 | | 798.68 | | 836.58 | |
| 2.55 | | 1,144.57 | | 1,147.12 | |
| 14.92 | | 1,272.85 | | 1,287.77 | |
| 53.74 | | 5,125.36 | | 5,179.10 | |
| | 179.91 | | 253.05 | | 4,403.83 |
| 56.86 | | 2,995.67 | | 3,052.53 | |
| | 12.93 | 3,819.67 | | 3,806.74 | |
| 2.92 | | 216.15 | | 219.07 | |
| 23.74 | | 1,916.37 | | 1,940.11 | |
| 5.86 | | 683.61 | | 689.47 | |
| 104.29 | | 2,688.73 | | 2,793.02 | |
| 34.45 | | 9,276.46 | | 9,310.91 | |
| 144.68 | | 3,070.20 | | 6,171.47 | |
| | 87.27 | 1,868.19 | | | 400.74 |
| 41.96 | | 5,928.03 | | 5,969.99 | |
| 59.00 | | 7,551.25 | | 7,610.25 | |
| 50.02 | | 1,490.61 | | 1,540.63 | |
| 60.53 | | 1,836.87 | | 1,897.40 | |
| 5.79 | | 422.81 | | 428.60 | |
| 24.69 | | 1,995.59 | | 2,020.28 | |
| | 10.36 | 44.54 | | | 224.73 |
| 7.06 | | 1,043.36 | | 1,050.42 | |
| 3.50 | | 1,581.72 | | 1,585.22 | |
| 8.58 | | 927.43 | | 936.01 | |
| 8.06 | | 652.57 | | 660.63 | |
| | 153.72 | 542.86 | | | 3,453.81 |
| 4.53 | | 1,086.62 | | 1,091.15 | |

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power added during the year; also the net amount Credited or Charged to each Municipality accumulated amount standing as a Credit or

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges | |
|--|--------------------------|--|----------|---|----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Thornton..... | Nov., 1918 | | 704.23 | | |
| Tottenham..... | Oct., 1918 | | 3,622.79 | 142.79 | |
| Uxbridge..... | Sept., 1922 | 1,480.22 | | | 1,480.22 |
| Victoria Harbor..... | July, 1914 | 633.69 | | | 633.69 |
| Waubashene..... | Dec., 1914 | 203.73 | | | 203.73 |
| Wingham..... | Dec., 1920 | 1,827.03 | | | 1,827.03 |
| Woodville..... | Nov., 1914 | 1,197.13 | | | 1,197.13 |
| RURAL POWER DISTRICTS | | | | | |
| Barrie R.P.D.—Vespra, Oro and Innisfil twps..... | Aug., 1923 | 382.67 | | | |
| Baumgardner R.P.D.—Monck twp..... | June, 1928 | | | | |
| Beeton R.P.D.—Tecumseh twp..... | Sept., 1926 | | 2.22 | | |
| Buckskin R.P.D.—Matchedash, Wood and Medora twps..... | July, 1928 | | | | |
| Cannington 1, R.P.D.—Brock and Eldon twps..... | May, 1924 | 217.78 | | | |
| Cannington 2, R.P.D.—Brock twp..... | May, 1924 | 272.95 | | | |
| Elmvale R.P.D.—Flos twp..... | Jan., 1924 | 63.33 | | | |
| Flesherton R.P.D.—Artemesia twp..... | Feb., 1922 | | 345.42 | | |
| Georgina R.P.D.—Georgina and Brock twps..... | Oct., 1926 | | 983.38 | | |
| Innisfil R.P.D.—Innisfil and Gwillimbury twps..... | Feb., 1928 | | | | |
| Lucknow R.P.D.—Kinloss twp..... | Feb., 1924 | | 3.63 | | |
| Mariposa R.P.D.—Mariposa and Brock twps..... | Sept., 1923 | 1,566.13 | | | |
| Markdale R.P.D.—Artemesia twp..... | July, 1924 | | 437.58 | | |
| Neustadt R.P.D.—Bentinck twp..... | Nov., 1926 | | 1.90 | | |
| Nottawasaga R.P.D.—Nottawasaga twp..... | Jan., 1922 | 947.87 | | | |
| Orangeville R.P.D.—Garafraxa E. and Amaranth twps..... | Aug., 1927 | | 34.05 | | |
| Port Perry R.P.D.—Reach and Scugog twps..... | Dec., 1922 | 152.49 | | | 24.24 |
| Ripley R.P.D.—Kinloss twp..... | Feb., 1922 | | 5.86 | | |
| Shelburne R.P.D.—Melancthon twp..... | Feb., 1926 | 12.50 | | | |
| Sparrow Lake R.P.D.—Rama, Orillia and Morrison twps..... | Oct., 1925 | 987.75 | | | |
| Stayner R.P.D.—Nottawasaga, Sunnidale and Flos twps..... | July, 1923 | 1,998.19 | | | |
| Tara R.P.D.—Derby and Arran twps..... | Jan., 1925 | 180.65 | | | |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927; the cash receipts and payments thereon, and interest cipality in respect of power supplied in the year ending October 31, 1928 and the Charge to each Municipality at October 31, 1928.

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|--|---------|---|---------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| | 28.17 | 624.28 | | | 108.12 |
| | 141.60 | 956.33 | | | 2,665.27 |
| 33.49 | | 2,204.69 | | 2,238.18 | |
| 11.30 | | 728.69 | | 739.99 | |
| 4.41 | | 542.20 | | 546.61 | |
| 38.34 | | 3,205.88 | | 3,244.22 | |
| 33.95 | | 522.42 | | 556.37 | |
| 15.31 | | 640.92 | | 1,038.90 | |
| | | | 787.07 | | 787.07 |
| | 0.09 | | 8.73 | | 11.04 |
| | | | 261.52 | | 261.52 |
| 8.71 | | 104.59 | | 331.08 | |
| 10.92 | | 249.64 | | 533.51 | |
| 2.53 | | 137.46 | | 203.32 | |
| | 13.82 | | 50.99 | | 410.23 |
| | 39.34 | 214.99 | | | 807.73 |
| | | | 141.62 | | 141.62 |
| | 0.15 | | 6.36 | | 10.14 |
| 62.65 | | 325.03 | | 1,953.81 | |
| | 17.50 | 12.76 | | | 442.32 |
| | 0.08 | | 8.21 | | 10.19 |
| 37.91 | | | 136.58 | 849.20 | |
| | 1.36 | | 514.28 | | 549.69 |
| 5.29 | | | 50.13 | 83.41 | |
| | 0.23 | | 10.04 | | 16.13 |
| 0.50 | | | 93.57 | | 80.57 |
| 39.51 | | 692.59 | | 1,719.85 | |
| 79.93 | | 1,246.21 | | 3,324.33 | |
| 7.23 | | 26.51 | | 214.39 | |

GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power added during the year; also the net amount Credited or Charged to each Municipality accumulated amount standing as a Credit or

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges | |
|--|--------------------------|--|-----------|---|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Uxbridge R.P.D.—Uxbridge and Reach twps..... | Sept., 1925 | 221.96 | ..... | ..... | ..... |
| Walkerton Quarry R.P.D.—Brant twp..... | Feb., 1922 | 124.09 | ..... | ..... | ..... |
| Totals..... | | 61,970.31 | 25,774.41 | 9,123.47 | 50,377.47 |

GEORGIAN BAY SYSTEM

Reserve for Renewals, October 31, 1928

| | |
|---|--------------|
| Total provision for renewals to October 31, 1927..... | \$754,141.43 |
| Deduct: | |
| Expenditures to October 31, 1927..... | 78,376.54 |
| Balance brought forward October 31, 1927..... | \$675,764.89 |
| Added during the year ending October 31, 1928. | |
| Amounts charged to municipalities and rural power districts as part of the cost of power delivered to them..... | \$62,736.51 |
| Amount included in costs of distribution of power within rural power districts..... | 4,656.41 |
| Provision against equipment employed in respect of contracts with private companies which purchase power..... | 4,874.21 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 27,030.60 |
| | 99,297.73 |
| | \$775,062.62 |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | 4,090.37 |
| Balance carried forward October 31, 1928..... | \$770,972.25 |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927; the cash receipts and payments thereon, and interest cipality in respect of power supplied in the year ending October 31, 1928 and the Charge to each Municipality at October 31, 1928.

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 8.88 | ..... | ..... | 26.79 | 204.05 | ..... |
| 4.96 | ..... | ..... | 57.29 | 71.76 | ..... |
| 1,475.17 | 752.06 | 105,199.00 | 2,406.23 | 113,242.53 | 14,784.75 |

GEORGIAN BAY SYSTEM

Reserve for Obsolescence and Contingencies, October 31, 1928

| | |
|--|--------------|
| Balance brought forward October 31, 1927..... | \$345,450.38 |
| Added during the year ending October 31, 1928: | |
| Amounts charged to municipalities and rural power districts as part of the cost of power delivered to them..... | \$39,597.90 |
| Amounts included in the costs of distribution of power within rural power districts..... | 4,656.38 |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 3,696.02 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 13,937.34 |
| | 61,887.64 |
| | \$407,338.02 |
| Deduct: | |
| Proportionate share of expenditures with interest thereon in the years 1909 to 1925, made by the Commission out of advances by the Province for the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein—payment made in October, 1928..... | \$184,210.69 |
| Expenditures during the year ending October 31, 1928..... | 4,674.07 |
| | 188,884.76 |
| Balance carried forward October 31st, 1928..... | \$218,453.26 |

GEORGIAN BAY SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds, provided out of other revenues of the system, and interest allowed thereon to October 31, 1928

| Municipality | Period of years ending Oct. 31, 1928 | Amount | Municipality | Period of years ending Oct. 31, 1928 | Amount |
|------------------|--------------------------------------|-----------|------------------------------------|--------------------------------------|------------|
| | | \$ c. | | | \$ c. |
| Alliston..... | 5 years | 4,879.78 | Victoria Harbour..... | 9 years | 1,916.34 |
| Arthur..... | 7 " | 5,643.04 | Waubashene..... | 9 " | 1,080.54 |
| Barrie..... | 10 " | 33,195.50 | Wingham..... | 4 " | 7,694.78 |
| Beaverton..... | 9 " | 6,941.13 | Woodville..... | 9 " | 3,996.88 |
| Beeton..... | 5 " | 4,054.65 | | | |
| Bradford..... | 5 " | 4,554.30 | RURAL POWER DISTRICT | | |
| Brechin..... | 9 " | 2,983.35 | Barrie R.P.D.—Vespra, Oro and | | |
| Cannington..... | 9 " | 5,292.96 | Innisfil twps..... | 6 years | 774.85 |
| Chatsworth..... | 8 " | 1,147.64 | Beaumaris R.P.D.—Monck twp.... | 1 " | 167.76 |
| Chesley..... | 7 " | 8,868.46 | Beeton R.P.D.—Tecumseh twp.... | 3 " | 6.69 |
| Coldwater..... | 10 " | 3,065.06 | Buckskin R.P.D.—Matchedash, | | |
| Collingwood..... | 10 " | 46,089.23 | Wood and Medora twps..... | 1 " | 22.79 |
| Cookstown..... | 5 " | 1,230.60 | Cannington 1, R.P.D.—Brock and | | |
| Creemore..... | 9 " | 3,466.51 | Eldon twps..... | 5 " | 496.94 |
| Dundalk..... | 8 " | 3,109.87 | Cannington 2, R.P.D.—Brock twp. | 5 " | 667.16 |
| Durham..... | 8 " | 8,939.12 | Elmvale R.P.D.—Flos twp..... | 5 " | 248.78 |
| Elmvale..... | 10 " | 5,218.04 | Flesherton R.P.D.—Artemesia twp. | 7 " | 209.92 |
| Elmwood..... | 5 " | 849.83 | Georgina R.P.D.—Georgina and | | |
| Flesherton..... | 8 " | 1,747.11 | Brock twps..... | 3 " | 364.05 |
| Grand Valley... | 7 " | 3,221.35 | Innisfil R.P.D.—Innisfil and Gwil- | | |
| Gravenhurst.... | 8 " | 4,925.96 | limbury W. twps..... | 1 " | 124.00 |
| Hanover..... | 7 " | 24,549.28 | Lucknow R.P.D.—Kinloss twp.... | 3 " | 10.11 |
| Holstein..... | 7 " | 1,038.48 | Mariposa R.P.D.—Mariposa and | | |
| Huntsville..... | 7 " | 15,594.28 | Brock twps..... | 6 " | 2,084.71 |
| Kincardine..... | 4 " | 6,559.95 | Markdale R.P.D.—Artemesia twp.. | 5 " | 195.86 |
| Kirkfield..... | 4 " | 841.00 | Neustadt R.P.D.—Bentinck twp.... | 2 " | 5.46 |
| Lucknow..... | 4 " | 3,228.90 | Nottawasaga R.P.D.—Nottawasaga | | |
| Markdale..... | 7 " | 2,216.92 | twp..... | 7 " | 1,154.74 |
| Meaford..... | 4 " | 4,158.74 | Orangeville R.P.D.—Garafraxa E. | | |
| Midland..... | 10 " | 65,891.85 | and Amaranth twps..... | 2 " | 186.84 |
| Mount Forest... | 8 " | 8,140.93 | Port Perry R.P.D.—Reach and Scu- | | |
| Neustadt..... | 5 " | 3,007.60 | gog twps..... | 6 " | 244.59 |
| Orangeville..... | 7 " | 9,068.80 | Ripley R.P.D.—Kinloss twp..... | 3 " | 12.53 |
| Owen Sound..... | 8 " | 43,824.82 | Shelburne R.P.D.—Melancthon twp. | 3 " | 119.19 |
| Paisley..... | 4 " | 1,878.83 | Sparrow Lake R.P.D.—Rama, | | |
| Penetanguishene | 12 " | 21,502.01 | Orillia N. and Morrison twps.... | 4 " | 808.17 |
| Port McNicoll.. | 9 " | 1,540.64 | Stayner R.P.D.—Nottawasaga, Sun- | | |
| Port Perry..... | 4 " | 2,798.23 | nidale and Flos twps..... | 6 " | 2,098.82 |
| Priceville..... | 4 " | 313.90 | Tara R.P.D.—Derby and Arran twp. | 4 " | 109.54 |
| Ripley..... | 4 " | 1,597.81 | Uxbridge R.P.D.—Uxbridge and | | |
| Shelburne..... | 7 " | 5,100.39 | Reach twp..... | 4 " | 104.88 |
| Stayner..... | 10 " | 4,600.57 | Walkerton Quarry R.P.D.—Brant | | |
| Sunderland..... | 9 " | 3,866.61 | twp..... | 7 " | 139.67 |
| Tara..... | 5 " | 2,426.59 | | | |
| Teeswater..... | 4 " | 3,057.31 | | | |
| Thornton..... | 5 " | 846.81 | | | |
| Tottenham..... | 5 " | 2,491.89 | | | |
| Uxbridge..... | 4 " | 3,005.12 | | | |
| | | | | | 427,618.34 |

GEORGIAN BAY SYSTEM

Reserve for Sinking Fund—October 31, 1928

| | |
|---|---------------------|
| Total provision for sinking fund to October 31, 1927..... | \$357,428.95 |
| Provided in the year ending October 31, 1928: | |
| By charges included in the cost of power delivered to municipalities and rural power districts..... | \$50,221.77 |
| By charges included in the costs of distribution of power within rural power districts..... | 1,418.82 |
| By charges against contracts with private companies which purchased power..... | 4,251.65 |
| Interest at 4% per annum on the amount standing at the credit of the account..... | 14,297.15 |
| | <u>70,189.39</u> |
| | <u>\$427,618.34</u> |

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing Interest, Sinking Fund, Renewals and Contingencies charged by the Commission to the Municipalities which operate the respective Rural Lines, for the year ending October 31, 1928

| Lines operated by | Capital cost | Interest | Sinking fund | Renewals | Contingencies | Total interest, sinking fund, renewals and contingencies charged |
|-------------------|--------------|----------|--------------|----------|---------------|--|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Brechin..... | 922.02 | 48.22 | 16.60 | 18.44 | 9.22 | 92.48 |
| Flesherton..... | 1,885.41 | 105.77 | 33.94 | 37.71 | 18.85 | 196.27 |
| Totals.... | 2,807.43 | 153.99 | 50.54 | 56.15 | 28.07 | 283.75 |

GEORGIAN BAY SYSTEM—RURAL LINES

Statement showing the Sinking Fund paid in respect of each line, together with Interest allowed thereon to October 31, 1928

| Lines operated by | Period of years ending October 31, 1928 | Amount |
|-------------------|---|---------------|
| | | \$ c. |
| Brechin..... | 10 years | 175.80 |
| Flesherton..... | 11 " | 294.90 |
| | | <u>470.70</u> |

GEORGIAN BAY SYSTEM—RURAL LINES

Reserve for Renewals, October 31, 1928

| | | |
|---|---------|-----------------|
| Total provision for renewals to October 31, 1927..... | | \$114.37 |
| Added during the year ending October 31, 1928..... | \$56.15 | |
| Interest at 4% per annum on the monthly balances at the credit of the account..... | 4.57 | 60.72 |
| Balance carried forward October 31, 1928..... | | <u>\$175.09</u> |

ST. LAWRENCE

Operating Account for Year

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | | |
|---|-------------|---------------------|
| Power purchased..... | | \$137,055.88 |
| Costs of operation and maintenance, including the proportion of administrative expenses chargeable to the operation of the system: | | |
| Transmission equipment..... | \$45,121.90 | |
| Rural power districts..... | 6,898.85 | 52,020.75 |
| Interest on capital investment in: | | |
| Transmission equipment..... | \$50,527.31 | |
| Rural power districts..... | 3,333.85 | 53,861.16 |
| Provision for renewal of: | | |
| Transmission equipment..... | \$20,234.72 | |
| Rural power districts..... | 2,605.91 | 22,840.63 |
| Provision for obsolescence and contingencies in respect of: | | |
| Transmission equipment..... | \$31,942.10 | |
| Rural power districts..... | 2,605.92 | 34,548.02 |
| Provision for sinking fund: | | |
| By charges included in the cost of power delivered to muni- cipalities and rural power districts..... | \$6,333.39 | |
| By charges against contracts with private companies which purchased power..... | 4,320.19 | |
| By charges included in the cost of distribution of power within rural power districts..... | 697.50 | 11,351.08 |
| | | <u>\$311,677.52</u> |

GEORGIAN BAY—RURAL LINES

Reserve for Obsolescence and Contingencies, October 31, 1928

| | | |
|---|---------|-----------------------|
| Balance brought forward, October 31, 1927..... | | \$28.59 |
| Added during the year ending October 31, 1928..... | \$28.07 | |
| Interest at 4% per annum on the monthly balances at the credit of the account..... | 1.14 | |
| | | <u>29.21</u> |
| Balance carried forward, October 31, 1928..... | | <u><u>\$57.80</u></u> |

SYSTEM

ending October 31, 1928

REVENUE FOR PERIOD

| | | |
|--|--------------|---------------------|
| Collected from municipalities..... | \$110,963.24 | |
| Power sold to private companies..... | 179,316.03 | |
| Collected from customers in rural power districts..... | 23,945.92 | |
| | | <u>\$314,225.19</u> |

Add:

| | | |
|--|------------|---------------------|
| Amounts due by certain municipalities, being the difference between the sums paid and the cost of power supplied to them in the year..... | \$2,410.25 | |
| Amounts due by municipalities comprising certain rural power districts, being the difference between the revenue collected from customers therein and the cost of power supplied to them in the year..... | 1,942.06 | |
| | | <u>4,352.31</u> |
| | | <u>\$318,577.50</u> |

Deduct:

| | | |
|---|------------|----------------------------|
| Amounts collected from certain municipalities in excess of the sums required to be paid by them for power supplied in the year..... | \$5,797.51 | |
| Amounts collected from customers in certain rural power dis- tricts in excess of the cost of power delivered thereto..... | 1,102.47 | |
| | | <u>6,899.98</u> |
| Revenue..... | | <u><u>\$311,677.52</u></u> |
| | | <u><u>\$311,677.52</u></u> |

ST. LAWRENCE

Statement showing the amount to be paid by each Municipality as the Cost (under the received by the Commission from each Municipality on account of such cost, pality upon ascertainment (by annual adjustment) of the actual cost

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating costs and | | |
|---|--|-----------------|---|---|-------------------------|---|-----------|-----------|
| | To Jan. 1 1928 | To Oct. 31 1928 | | | | Operating maintenance and administrative expenses | Interest | Renewals |
| | | | | | | | | |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alexandria . . . | 65.00 | 60.00 | 105,594.71 | 238.5 | 3,475.14 | 3,801.93 | 5,273.18 | 2,108.67 |
| Apple Hill. . . . | 70.00 | 55.00 | 9,539.44 | 28.9 | 421.10 | 480.65 | 476.69 | 190.64 |
| Brockville. . . . | | 30.00 | 195,982.34 | 1,564.6 | 22,797.48 | 7,568.55 | 9,654.95 | 3,912.48 |
| Chesterville. . . | 45.00 | 40.00 | 56,400.15 | 253.4 | 3,692.24 | 2,398.15 | 2,519.77 | 1,019.23 |
| Finch. | 73.65 | 74.00 | 17,127.47 | 30.8 | 448.78 | 660.17 | 816.99 | 324.65 |
| Lancaster. | | 97.00 | 26,934.00 | 30.8 | 448.78 | 723.92 | 1,348.27 | 538.56 |
| Martintown. . . | 60.00 | 55.00 | 4,681.31 | 18.1 | 263.73 | 355.00 | 233.61 | 93.54 |
| Maxville. | | 86.00 | 34,372.44 | 47.3 | 689.20 | 750.13 | 1,720.41 | 687.24 |
| Prescott. | | 30.00 | 60,993.47 | 505.5 | 7,365.54 | 2,652.11 | 2,850.08 | 1,150.53 |
| Russell. | 85.00 | 80.00 | 23,974.99 | 45.7 | 665.89 | 773.98 | 1,154.41 | 459.91 |
| Williamsburg. . . | | 55.00 | 6,114.26 | 31.6 | 460.44 | 684.99 | 300.19 | 121.08 |
| Winchester. . . | 45.00 | 40.00 | 31,694.14 | 159.4 | 2,322.59 | 2,843.82 | 1,393.34 | 562.90 |
| RURAL POWER DISTRICTS | | | | | | | | |
| Apple Hill R.P.D.—Kenyon and Roxborough twps. . . . | | | 6,853.58 | 20.8 | 303.07 | 193.07 | 343.66 | 136.97 |
| Brockville R.P.D. — Elizabethtown and Augusta twps. | | | 6,741.37 | 50.1 | 730.00 | 919.98 | 329.90 | 134.59 |
| Chesterville R.P.D.—Winchester, Finch and Russell twps. | | | 11,893.73 | 40.0 | 582.83 | 372.41 | 552.14 | 220.71 |
| Martintown R.P.D.—Charlottenburg and Lancaster twps. | | | 10,235.03 | 35.9 | 523.09 | 259.62 | 508.57 | 204.50 |
| Maxville R.P.D.—Kenyon twp. | | | 249.62 | 0.8 | 11.66 | 7.23 | 12.56 | 4.99 |
| Prescott R.P.D.—Augusta and Edwardsburg twps. . . . | | | 7,843.44 | 60.9 | 887.36 | 589.10 | 365.30 | 148.51 |
| Williamsburg R.P.D.—Williamsburg twp. | | | 483.72 | 2.5 | 36.43 | 44.04 | 24.06 | 9.58 |
| Totals—Municipalities. | | | 573,408.72 | 2,954.6 | 43,050.91 | 23,693.40 | 27,741.89 | 11,169.43 |
| Totals—Rural power districts | | | 44,300.49 | 211.0 | 3,074.44 | 2,385.45 | 2,136.19 | 859.85 |
| Totals—Companies. | | | 411,951.46 | 6,240.6 | 90,930.53 | 19,043.05 | 20,649.23 | 8,205.44 |
| | | | 1,029,660.67 | | | | | |
| Non-operating capital. | | | 746,407.14 | | | | | |
| Grand Totals. | | | 1,776,067.81 | 9,406.2 | 137,055.88 | 45,121.90 | 50,527.31 | 20,234.72 |

SYSTEM

COST OF POWER

Power Commission Act) of Power supplied to it by the Commission, the amount—and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1928.

| fixed charges | | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|--------------------------------|--------------|------------|---|--|---|--|----------|
| Obsolescence and contingencies | Sinking fund | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,026.53 | 1,110.22 | 16,795.67 | 1,185.87 | 15,609.80 | 14,542.86 | ..... | 1,066.94 |
| 120.19 | 100.37 | 1,789.64 | 143.70 | 1,645.94 | 1,680.15 | 34.21 | ..... |
| 5,386.82 | 2,059.92 | 51,380.20 | 7,779.55 | 43,600.65 | 46,936.94 | 3,336.29 | ..... |
| 932.16 | 536.62 | 11,098.17 | 1,259.96 | 9,838.21 | 10,351.03 | 512.82 | ..... |
| 139.22 | 170.93 | 2,560.74 | 153.14 | 2,407.60 | 2,279.18 | ..... | 128.42 |
| 169.37 | 283.55 | 3,512.45 | 153.14 | 3,359.31 | 2,991.61 | ..... | 367.70 |
| 71.24 | 49.24 | 1,066.36 | 90.00 | 976.36 | 1,009.53 | 33.17 | ..... |
| 243.18 | 361.83 | 4,451.99 | 235.18 | 4,216.81 | 4,066.36 | ..... | 150.45 |
| 1,734.36 | 605.75 | 16,358.37 | 2,513.45 | 13,844.92 | 15,166.00 | 1,321.08 | ..... |
| 204.20 | 242.14 | 3,500.53 | 227.23 | 3,273.30 | 3,692.72 | 419.42 | ..... |
| 121.33 | 63.75 | 1,751.78 | 157.12 | 1,594.66 | 1,735.18 | 140.52 | ..... |
| 581.97 | 296.37 | 8,000.99 | 792.57 | 7,208.42 | 6,511.68 | ..... | 696.74 |
| 85.53 | 72.11 | 1,134.41 | 103.42 | 1,030.99 | 1,030.99 | see page | 205 |
| 174.81 | 70.87 | 2,360.15 | 249.12 | 2,111.03 | 2,111.03 | see page | 205 |
| 155.42 | 116.20 | 1,999.71 | 198.89 | 1,800.82 | 1,800.82 | see page | 205 |
| 143.96 | 107.67 | 1,747.41 | 178.50 | 1,568.91 | 1,568.91 | see page | 205 |
| 3.25 | 2.62 | 42.31 | 3.98 | 38.33 | 38.33 | see page | 205 |
| 211.42 | 78.19 | 2,279.88 | 302.80 | 1,977.08 | 1,977.08 | see page | 205 |
| 9.60 | 5.04 | 128.75 | 12.43 | 116.32 | 116.32 | see page | 205 |
| 10,730.57 | 5,880.69 | 122,266.89 | 14,690.91 | 107,575.98 | 110,963.24 | 5,797.51 | 2,410.25 |
| 783.99 | 452.70 | 9,692.62 | 1,049.14 | 8,643.48 | 8,643.48 | ..... | ..... |
| 20,427.54 | 4,320.19 | 163,575.98 | (15,740.05) | 179,316.03 | 179,316.03 | ..... | ..... |
| 31,942.10 | 10,653.58 | 295,535.49 | ..... | 295,535.49 | 298,922.75 | ..... | ..... |

Net Credit.....15,740.05

ST. LAWRENCE SYSTEM—

Statement showing the costs of distribution of power within each Rural Power District, amounts remaining to be credited to certain districts or charged to the Municipality of the actual costs in the year

| Districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown on page 203 |
|--|---|------------------|-------------------------|---|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Apple Hill R.P.D.—Kenyon and Roxborough twps..... | *17,793.64 | 8,803.44 | 8,990.20 | 1,030.99 |
| Brockville R.P.D.—Elizabethtown and Augusta twps..... | 21,429.45 | 10,714.72 | 10,714.73 | 2,111.03 |
| Chesterville R.P.D.—Finch and Russell twps..... | *34,734.32 | 16,456.69 | 18,277.63 | 1,800.82 |
| Martintown R.P.D.—Charlottenburg and Lancaster twps..... | 29,959.14 | 14,979.57 | 14,979.57 | 1,568.91 |
| Maxville R.P.D.—Kenyon twp..... | *423.86 | 124.10 | 299.76 | 38.33 |
| Prescott R.P.D.—Augusta and Edwardsburg twps..... | 28,691.99 | 14,346.00 | 14,345.99 | 1,977.08 |
| Williamsburg R.P.D.—Williamsburg twp..... | 3,611.28 | 1,805.64 | 1,805.64 | 116.32 |
| | 136,643.68 | | 69,413.52 | |
| Non-operating capital..... | 6,684.60 | | 6,684.60 | |
| Totals..... | 143,328.28 | 67,230.16 | 76,098.12 | 8,643.48 |

NOTE.—Items marked * include portions of transmission lines used for purposes of rural

RURAL POWER DISTRICTS

RURAL OPERATING

the revenues collected from (or charged to) customers within each district, and the municipalities comprising certain other districts upon ascertainment (by annual adjusting October 31, 1928

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--------------------------------|--------------|------------|---|---|----------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 908.54 | 440.59 | 346.42 | 346.42 | 92.18 | 3,165.14 | 3,590.81 | 425.67 | ..... |
| 970.96 | 509.04 | 404.56 | 404.56 | 106.50 | 4,506.65 | 4,076.52 | ..... | 430.13 |
| 1,820.36 | 855.00 | 643.10 | 643.10 | 178.88 | 5,941.26 | 6,618.06 | 676.80 | ..... |
| 1,177.54 | 729.88 | 580.08 | 580.08 | 152.71 | 4,789.20 | 4,372.76 | ..... | 416.44 |
| 8.42 | 13.01 | 6.82 | 6.82 | 2.72 | 76.12 | 56.57 | ..... | 19.55 |
| 1,794.02 | 703.19 | 558.86 | 558.86 | 147.12 | 5,739.13 | 4,847.31 | ..... | 891.82 |
| 219.01 | 83.14 | 66.07 | 66.08 | 17.39 | 568.01 | 383.89 | ..... | 184.12 |
| 6,898.85 | 3,333.85 | 2,605.91 | 2,605.92 | 697.50 | 24,785.51 | 23,945.92 | 1,102.47 | 1,942.06 |

power districts.

Net Charge..... 839.59

ST. LAWRENCE

**Statement showing the net Credit or Charge to each Municipality in respect of power
ments made, and interest added during the year, also the net amount Credited
October 31, 1928, and the accumulated amount standing as**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and pay- ments on account of such credits and charges, also adjust- ments made during the year | |
|---|--------------------------------|---|-----------|---|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Alexandria..... | Jan., 1921 | 2,854.49 | | | 2,870.11 |
| Apple Hill..... | April, 1921 | 539.13 | | | 540.99 |
| Brockville..... | April, 1915 | 19,844.68 | | | 19,939.33 |
| Chesterville..... | April, 1914 | 1,383.90 | | | 1,400.10 |
| Finch..... | Feb. 1928 | | | | |
| Lancaster..... | May, 1921 | | 9,818.05 | 1,360.76 | |
| Martintown..... | May, 1921 | 192.77 | | | 126.01 |
| Maxville..... | Feb., 1921 | | 4,715.56 | 2,996.91 | |
| Prescott..... | Dec., 1913 | 3,990.79 | | | 4,018.20 |
| Russell..... | Feb., 1926 | 379.42 | | | 382.24 |
| Williamsburg..... | April, 1915 | 794.16 | | | 795.98 |
| Winchester..... | Jan., 1914 | -1,818.34 | | | 1,827.56 |
| RURAL POWER DISTRICTS | | | | | |
| Apple Hill R.P.D.—Kenyon and Roxborough twps..... | Nov., 1923 | | 3.83 | | 1.39 |
| Brockville R.P.D. — Elizabeth- town and Augusta twps..... | Nov., 1921 | 1,126.08 | | 116.87 | |
| Chesterville R.P.D.—Winchester Finch and Russell twps..... | Nov., 1921 | 117.66 | | | 2.41 |
| Martintown R.P.D.—Charlotten- burg and Lancaster twps..... | Jan., 1922 | | 1,859.88 | | 1.84 |
| Maxville R.P.D.—Kenyon twp... | Dec., 1927 | | | | |
| Prescott R.P.D.—Augusta and Edwardsburg twps..... | June, 1922 | 17.30 | | | 3.45 |
| Williamsburg R.P.D.—Williams- burg twp..... | Feb., 1923 | 65.59 | | | |
| | | 33,124.31 | 16,397.32 | 4,474.54 | 31,909.61 |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, adjusted or Charged to each Municipality in respect of power supplied in the year ending a Credit or Charge to each Municipality at October 31, 1928.

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|---|----------|---|-----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 50.67 | | | 1,066.94 | | 1,031.89 |
| 8.63 | | 34.21 | | 40.98 | |
| 557.65 | | 3,336.29 | | 3,799.29 | |
| 21.54 | | 512.82 | | 518.16 | |
| | | | 128.42 | | 128.42 |
| | 373.78 | | 367.70 | | 9,198.77 |
| 4.56 | | 33.17 | | 104.49 | |
| | 103.70 | | 150.45 | | 1,972.80 |
| 104.54 | | 1,321.08 | | 1,398.21 | |
| 7.88 | | 419.42 | | 424.48 | |
| 23.61 | | 140.52 | | 162.31 | |
| 44.46 | | | 696.74 | | 661.50 |
| | 0.15 | 425.67 | | 420.30 | |
| 45.04 | | | 430.13 | 857.86 | |
| 4.71 | | 676.80 | | 796.76 | |
| | 74.40 | | 416.44 | | 2,352.56 |
| | | | 19.55 | | 19.55 |
| 0.69 | | | 891.82 | | 877.28 |
| 2.62 | | | 184.12 | | 115.91 |
| 876.60 | 552.03 | 6,899.98 | 4,352.31 | 8,522.84 | 16,358.68 |

ST. LAWRENCE SYSTEM

Reserve for Renewals, October 31, 1928

| | | |
|---|--------------|---------------------|
| Total provision for renewals to October 31, 1927..... | \$202,859.54 | |
| Deduct: | | |
| Expenditures to October 31, 1927..... | 18,483.25 | |
| Balance brought forward October 31, 1927..... | | \$184,376.29 |
| Added during the year ending October 31, 1928: | | |
| Amounts charged to municipalities and rural power districts as part of the cost of power delivered to them..... | \$12,029.28 | |
| Amounts included in costs of distribution of power within rural power districts..... | 2,605.91 | |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 8,205.44 | |
| Provisions for renewal of plant transferred..... | 908.95 | |
| Provision at 4% per annum on monthly balances at the credit of the account..... | 7,411.41 | |
| | | 31,160.99 |
| | | <u>\$215,537.28</u> |
| Deduct: | | |
| Expenditures during the year ending October 31, 1928..... | 6,644.98 | |
| Balance carried forward October 31, 1928..... | | <u>\$208,892.30</u> |

ST. LAWRENCE SYSTEM

Reserve for Obsolescence and Contingencies, October 31, 1928

| | | |
|---|-------------|---------------------|
| Balance brought forward October 31, 1927..... | \$75,530.22 | |
| Added during the year ending October 31, 1928: | | |
| Amounts charged to municipalities and rural power districts as part of the cost of power delivered to them..... | \$11,514.56 | |
| Amounts included in the costs of distribution of power within rural power districts..... | 2,605.92 | |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 20,427.54 | |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 3,118.41 | |
| | | 37,666.43 |
| | | <u>\$113,196.65</u> |
| Deduct: | | |
| Proportionate share of expenditures with interest thereon in the years 1909 to 1925 made by the Commission out of advances by the Province for the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein—payment made in October, 1928..... | \$22,937.61 | |
| Expenditures during the year ending October 31, 1928..... | 8,050.61 | |
| | | 30,988.22 |
| Balance carried forward October 31, 1928..... | | <u>\$82,208.43</u> |

ST. LAWRENCE SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Municipality | Period of years ending October 31, 1928 | Amount |
|--|--|-------------|
| | | \$ c. |
| Alexandria..... | 4 years | 7,961.85 |
| Apple Hill..... | 4 " | 739.91 |
| Brockville..... | 8 " | 41,546.75 |
| Chesterville..... | 9 " | 9,715.75 |
| Finch..... | 1 " | 212.96 |
| Lancaster..... | 4 " | 1,703.52 |
| Martintown..... | 4 " | 414.00 |
| Maxville..... | 4 " | 2,198.06 |
| Prescott..... | 9 " | 10,142.52 |
| Russell..... | 3 " | 887.27 |
| Williamsburg..... | 8 " | 988.29 |
| Winchester..... | 9 " | 5,055.93 |
| RURAL POWER DISTRICT | | |
| Apple Hill R.P.D.—Kenyon and Roxborough twps.. | 4 " | 392.57 |
| Brockville R.P.D.—Elizabethtown and Augusta twps. | 7 " | 1,955.54 |
| Chesterville R.P.D.—Winchester, Finch and Russell twps. | 7 " | 988.72 |
| Martintown R.P.D.—Charlottenburg and Lancaster twps. | 7 " | 1,500.64 |
| Maxville R.P.D.—Kenyon twp. | 1 " | 6.43 |
| Prescott R.P.D.—Augusta and Edwardsburg twps. ... | 7 " | 1,958.99 |
| Williamsburg R.P.D.—Williamsburg twp. | 4 " | 34.43 |
| Total..... | | \$88,404.13 |

ST. LAWRENCE SYSTEM

Reserve for Sinking Fund, October 31, 1928

| | |
|---|--------------------|
| Total provision for sinking fund to October 31, 1927..... | \$74,089.47 |
| Provided in the year ending October 31, 1928: | |
| By charges included in the cost of power delivered to municipalities and rural power districts..... | \$6,333.39 |
| By charges included in the costs of distribution of power within rural power districts..... | 697.50 |
| By charges against contracts with private companies which purchased power..... | 4,320.19 |
| Interest at 4% per annum on the amount standing at the credit of the account..... | 2,963.58 |
| | 14,314.66 |
| | <u>\$88,404.13</u> |

RIDEAU

Operating Account for Year

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | |
|--|---------------------|
| Power purchased..... | \$6,637.44 |
| Cost of operating and maintaining the generating plant, transmission lines, stations, etc., including the proportion of administrative expenses chargeable to the operation of the system..... | 27,610.88 |
| Interest on capital investment..... | 56,477.82 |
| Provision for renewal of generating plant, lines and stations, etc..... | 12,309.04 |
| Provision for obsolescence and contingencies..... | 27,665.52 |
| Provision for sinking fund: | |
| By charges included in the cost of power delivered to municipalities..... | \$10,652.10 |
| By charges against contracts with private companies which purchased power..... | 843.24 |
| | 11,495.34 |
| | <u>\$142,196.04</u> |

RIDEAU

Statement showing the amount to be paid by each Municipality as the Cost (under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating costs | | |
|----------------------------|--|------------------|---|---|--------------------------|--|-----------|
| | To Jan. 1, 1928 | To Oct. 31, 1928 | | | Cost of power purchased | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Carleton Place..... | 50.00 | 50.00 | 287,211.32 | 764.6 | 1,603.52 | 6,927.59 | 14,719.17 |
| Kemptville.... | 65.00 | 60.00 | 67,318.76 | 189.7 | 397.84 | 2,207.81 | 3,448.70 |
| Lanark..... | | 80.00 | 25,093.20 | 46.0 | 96.47 | 469.82 | 1,290.52 |
| Perth..... | | 50.00 | 261,792.67 | 745.8 | 1,564.10 | 6,422.41 | 13,416.05 |
| Smiths Falls..... | | 45.00 | 380,082.88 | 1,212.6 | 2,543.07 | 9,835.42 | 19,444.42 |
| Totals—Municipalities..... | | | 1,021,498.83 | 2,958.7 | 6,205.00 | 25,863.05 | 52,318.86 |
| Totals—Companies..... | | | 80,770.38 | 206.2 | 432.44 | 1,747.83 | 4,158.96 |
| | | | 1,102,269.21 | | | | |
| Non-operating capital..... | | | 86,752.25 | | | | |
| Grand totals..... | | | 1,189,021.46 | 3,164.9 | 6,637.44 | 27,610.88 | 56,477.82 |

SYSTEM

ending October 31, 1928

REVENUE FOR PERIOD

| | |
|--------------------------------------|---------------------|
| Collected from municipalities..... | \$145,342.48 |
| Power sold to private companies..... | 9,258.28 |
| | <u>\$154,600.76</u> |

Deduct:

| | |
|--|-----------|
| Amounts collected from certain municipalities in excess of the sum required to be paid by them for power supplied in the period..... | 12,404.72 |
|--|-----------|

| | |
|--------------|--------------|
| Revenue..... | \$142,196.04 |
|--------------|--------------|

\$142,196.04

SYSTEM

COST OF POWER

the Power Commission Act) of Power supplied to it by the Commission; the amount and the amount remaining to be credited to each Municipality cost of power supplied to it in the year ending October 31, 1928.

| and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited to each municipality upon ascertainment of the actual cost of power by annual adjustment |
|-------------------|--------------------------------|--------------|--|--|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,392.05 | 6,739.14 | 2,997.39 | 186.69 | 36,565.55 | 38,231.79 | 1,666.24 |
| 762.79 | 1,665.44 | 702.18 | 46.32 | 9,231.08 | 11,571.37 | 2,340.29 |
| 360.35 | 431.37 | 262.61 | 11.23 | 2,922.37 | 3,680.62 | 758.25 |
| 2,941.52 | 6,523.77 | 2,730.39 | 182.10 | 33,780.34 | 37,290.87 | 3,510.53 |
| 3,871.27 | 10,488.64 | 3,959.53 | 296.07 | 50,438.42 | 54,567.83 | 4,129.41 |
| 11,327.98 | 25,848.36 | 10,652.10 | 722.41 | 132,937.76 | 145,342.48 | 12,404.72 |
| 981.06 | 1,817.16 | 843.24 | (722.41) | 9,258.28 | 9,258.28 | ..... |
| 12,309.04 | 27,665.52 | 11,495.34 | ..... | 142,196.04 | 154,600.76 | ..... |

RIDEAU

Statement showing the net Credit to each Municipality in respect of power supplied year; also the net amount credited to each Municipality in respect of power supplied as a credit to each Municipality

| Municipality | Date commenced operating | Net credit October 31, 1927 | Payment on account of such credits |
|---------------------|--------------------------|--------------------------------|--|
| | | Credit | Credited |
| | | \$ c. | \$ c. |
| Carleton Place..... | May, 1919 | 786.48 | 786.48 |
| Kemptville..... | Dec., 1921 | 2,951.31 | 2,951.31 |
| Lanark..... | Sept., 1921 | 482.02 | 482.02 |
| Perth..... | Feb., 1919 | 2,554.51 | 2,554.51 |
| Smith Falls..... | Sept., 1918 | 3,364.09 | 3,364.09 |
| | | 10,138.41 | 10,138.41 |

RIDEAU SYSTEM

Reserve for Renewals, October 31, 1928

| | |
|--|--------------|
| Total provision for renewals to October 31, 1927..... | \$104,488.17 |
| Deduct: | |
| Expenditures to October 31, 1927..... | 2,551.86 |
| Balance brought forward October 31, 1927..... | \$101,936.31 |
| Added during the year ending October 31, 1928; | |
| Amounts charged to municipalities as part of the cost of power delivered to them..... | \$11,327.98 |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 981.06 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 4,077.45 |
| | 16,386.49 |
| Balance carried forward October 31, 1928..... | \$118,322.80 |

RIDEAU SYSTEM

Reserve for Obsolescence and Contingencies, October 31, 1928

| | |
|---|--------------|
| Balance brought forward October 31, 1927..... | \$69,556.43 |
| Added during the year ending October 31, 1928: | |
| Amounts charged to municipalities as part of the cost of power delivered to them..... | \$25,848.36 |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 1,817.16 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 2,782.26 |
| | 30,447.78 |
| | \$100,004.21 |
| Deduct: | |
| Proportionate share of expenditures with interest thereon in the years 1909 to 1925, made by the Commission out of advances by the Province for the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein—payment made in October 1928... | 13,658.57 |
| Balance carried forward October 31, 1928..... | \$86,345.64 |

SYSTEM

CREDIT OR CHARGE

to it to October 31, 1927; the payments thereon and interest added during the plied in the year ending October 31, 1928; and the accumulated amount standing at October 31, 1928

| Interest at 4% per annum added during the year | Net amount credited in respect of power supplied in the year ending October 31, 1928 | Accumulated amount standing as a credit on October 31, 1928 |
|---|--|---|
| Credited | Credited | Credit |
| \$ c. | \$ c. | \$ c. |
| 15.21 | 1,666.24 | 1,681.45 |
| 54.88 | 2,340.29 | 2,395.17 |
| 9.38 | 758.25 | 767.63 |
| 44.95 | 3,510.53 | 3,555.48 |
| 56.62 | 4,129.41 | 4,186.03 |
| 181.04 | 12,404.72 | 12,585.76 |

RIDEAU SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds provided out of other revenues of the system and interest allowed thereon to
October 31, 1928

| Municipality | Period of years ending October 31, 1928 | Amount |
|---------------------|--|--------------------|
| Carleton Place..... | 4 years | \$ c. 15,779.26 |
| Kemptville..... | 4 " | 3,597.66 |
| Lanark..... | 4 " | 1,193.85 |
| Perth..... | 4 " | 12,817.57 |
| Smith Falls..... | 5 " | 20,804.18 |
| | | 54,192.52 |

RIDEAU SYSTEM

Reserve for Sinking Fund, October 31, 1928

Total provision for sinking fund to October 31, 1927..... \$41,054.98

Provided in the year ending October 31, 1928:

| | | |
|---|-------------|-------------|
| By charges included in the cost of power delivered to municipalities..... | \$10,652.10 | |
| By charges against contracts with private companies which purchased power..... | 843.24 | |
| Interest at 4% per annum on the amount standing at the credit of the account..... | 1,642.20 | |
| | | 13,137.54 |
| | | \$54,192.52 |

THUNDER BAY

Operating Account for

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | |
|--|-----------------------|
| Cost of operating and maintaining generating plants, transformer stations and transmission lines, including the proportion of administrative expenses chargeable to the operation of the system..... | \$143,353.98 |
| Interest on capital investment..... | 651,827.79 |
| Provision for renewal of generating plants, transformer stations and transmission lines..... | 109,106.32 |
| Provision for obsolescence and contingencies..... | 107,636.54 |
| Provision for sinking fund: | |
| By charges included in the cost of power delivered to municipalities..... | 102,921.76 |
| By charges against contracts with private companies which purchased power..... | 28,630.96 |
| | <u>131,552.72</u> |
| | <u>\$1,143,477.35</u> |

THUNDER BAY

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual

| Municipality | Interim rates per horsepower collected by Commission during year | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating | |
|----------------------------|--|---|---|--|------------|
| | | | | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | | \$ c. | \$ c. |
| Fort William. | 21.00 plus certain transformation charges | 2,252,347.28 | 9,226.8 | 25,694.91 | 117,377.27 |
| Nipigon twp. | 40.00 | 10,038.86 | 43.8 | 395.27 | 523.25 |
| Port Arthur. | 21.00 plus certain transformation charges | 7,519,819.48 | 31,277.5 | 89,266.31 | 391,886.09 |
| Totals—Municipalities..... | | 9,782,205.62 | 40,548.1 | 115,356.49 | 509,786.61 |
| Totals—Companies..... | | 2,721,019.93 | 11,653.5 | 27,997.49 | 142,041.18 |
| | | 12,503,225.55 | | | |
| Non-operating capital..... | | 1,829,711.68 | | | |
| Grand totals..... | | 14,332,937.23 | 52,201.6 | 143,353.98 | 651,827.79 |

SYSTEM

Year Ending October 31, 1928

REVENUE FOR PERIOD

| | | |
|---|----------------|------------------------------|
| Collected from municipalities | \$902,773.59 | |
| Power sold to private companies | 242,257.96 | |
| | | <u>\$1,145,031.55</u> |
| Add: | | |
| Amount due by one municipality being the difference between the sums paid and the cost of power supplied to it in the year | | 400.54 |
| | | <u>\$1,145,432.09</u> |
| Less: | | |
| Amounts collected from two municipalities in excess of the sums required to be paid by them for power supplied in the year | | 1,954.74 |
| Revenue | \$1,143,477.35 | |
| | | <u><u>\$1,143,477.35</u></u> |

SYSTEM

COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality cost of power supplied to it in the year ending October 31, 1928

| costs and fixed charges | | Sinking fund | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|-------------------------|---|-----------------|--|---|---|--|---------|
| Renewals | Obsoles- cence and contin- gencies | | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 19,930.19 | 19,257.68 | 23,697.28 | 739.39 | 206,696.72 | 208,103.61 | 1,406.89 | ..... |
| 86.56 | 90.54 | 105.64 | 3.51 | 1,204.77 | 1,752.62 | 547.85 | ..... |
| 65,834.75 | 64,705.49 | 79,118.84 | 2,506.42 | 693,317.90 | 692,917.36 | ..... | 400.54 |
| 85,851.50 | 84,053.71 | 102,921.76 | 3,249.32 | 901,219.39 | 902,773.59 | 1,954.74 | 400.54 |
| 23,254.82 | 23,582.83 | 28,630.96 | 3,249.32 | 242,257.96 | 242,257.96 | ..... | ..... |
| 109,106.32 | 107,636.54 | 131,552.72 | ..... | 1,143,477.35 | 1,145,031.55 | ..... | ..... |

THUNDER BAY

Statement showing the net credit or charge to each Municipality in respect of power added during the year; also the net amount credited or charged to each and the accumulated amount standing as a credit

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges | |
|-------------------|--------------------------|--|-----------|---|----------|
| | | Credit | Charge | Credited | Charged |
| Fort William..... | Oct., 1926 | \$ c. | \$ c. | \$ c. | \$ c. |
| Nipigon twp..... | Jan., 1925 | 1,167.97 | 10,628.81 | 10,628.81 | 1,167.97 |
| Port Arthur..... | Dec., 1910 | | 42,088.51 | 42,088.51 | |
| | | 1,167.97 | 52,717.32 | 52,717.32 | 1,167.97 |

THUNDER BAY SYSTEM

Reserve for Renewals, October 31, 1928

| | |
|--|--------------|
| Total provision for renewals to October 31, 1927..... | \$383,557.95 |
| Deduct: | |
| Expenditures to October 31, 1927..... | 1,856.52 |
| Balance brought forward October 31, 1927..... | \$381,701.43 |
| Added during the year ending October 31, 1928: | |
| Amounts charged to municipalities as part of the cost of power delivered to them..... | \$85,851.50 |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 23,254.82 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 15,268.06 |
| | 124,374.38 |
| | \$506,075.81 |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | 97.90 |
| Balance carried forward October 31, 1928..... | \$505,977.91 |

THUNDER BAY SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds provided out of other revenues of the system and interest allowed thereon to October 31, 1928

| Municipality | Period of years ending October 31, 1928 | Amount |
|-----------------------|---|--------------------|
| Fort William..... | 2 years | \$ c. 59,089.34 |
| Nipigon township..... | 2 " | 316.17 |
| Port Arthur..... | 2 " | 207,370.25 |
| | | 266,775.76 |

SYSTEM

CREDIT OR CHARGE

supplied to it to October 31, 1927, the cash receipts and payments thereon, and interest Municipality in respect of power supplied in the year ending October 31, 1928 or charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|--|----------|---|---------|---|----------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 30.19 | 341.52 | 1,406.89 | ..... | 1,065.37 | ..... |
| ..... | ..... | 547.85 | ..... | 578.04 | ..... |
| ..... | 837.17 | ..... | 400.54 | ..... | 1,237.71 |
| 30.19 | 1,178.69 | 1,954.74 | 400.54 | 1,643.41 | 1,237.71 |

THUNDER BAY SYSTEM

Reserve for Obsolescence and Contingencies, October 31, 1928

Balance brought forward October 31, 1927..... \$100,824.23

Added during the year ending October 31, 1928:

| | | |
|--|-------------|---------------------|
| Amount charged to municipalities as part of the cost of power delivered to them..... | \$84,053.71 | |
| Provision against equipment employed in respect of contracts with private companies which purchased power..... | 23,582.83 | |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 4,032.97 | |
| | | 111,669.51 |
| | | <u>\$212,493.74</u> |

Deduct:

| | |
|---|-----------|
| Proportionate share of expenditures, with interest thereon in the years 1909 and 1925, made by the Commission out of advances by the Province for the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein—payment made in October 1928... | 31,241.78 |
|---|-----------|

Balance carried forward October 31, 1928..... \$181,251.96

THUNDER BAY SYSTEM

Reserve for Sinking Fund, October 31, 1928

Total provision for sinking fund to October 31, 1927..... \$130,022.16

Provided in the year ending October 31, 1928:

| | | |
|---|--------------|---------------------|
| By charges included in the cost of power delivered to municipalities..... | \$102,921.76 | |
| By charges against contracts with private companies which purchased power..... | 28,630.96 | |
| Interest at 4% per annum on the amount standing at the credit of the account..... | 5,200.88 | |
| | | 136,753.60 |
| | | <u>\$266,775.76</u> |

OTTAWA

Operating Account for Year

COSTS OF OPERATION AS PROVIDED FOR UNDER THE TERMS OF THE POWER COMMISSION ACT

| | | | |
|--|------------|--------------|---------------------|
| Power purchased..... | | \$208,283.46 | |
| Costs of operation and maintenance, including the proportion of administrative expenses chargeable to the operation of the system: | | | |
| Transmission equipment..... | \$1,508.34 | | |
| Rural power district..... | 5,036.27 | | |
| | | | 6,544.61 |
| Interest on capital investment in: | | | |
| Transmission equipment..... | \$257.66 | | |
| Rural power district..... | 3,203.43 | | |
| | | | 3,461.09 |
| Provision for renewal of: | | | |
| Transmission equipment..... | \$106.51 | | |
| Rural power district..... | 2,687.03 | | |
| | | | 2,793.54 |
| Provision for obsolescence and contingencies in respect of: | | | |
| Transmission equipment..... | \$40.11 | | |
| Rural power district..... | 1,343.51 | | |
| | | | 1,383.62 |
| Provision for sinking fund: | | | |
| By charges included in the cost of power delivered to municipalities and Nepean rural power district..... | \$56.08 | | |
| By charges included in the cost of distribution of power within Nepean rural power district..... | 710.38 | | |
| | | | 766.46 |
| | | | <u>\$223,232.78</u> |

OTTAWA

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such ascertainment (by annual adjustment) of the actual cost of

| Municipality | Interim rates per horsepower collected by Commission during year | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of purchased power | Operating maintenance and administrative expenses |
|----------------------------------|--|---|---|-------------------------|---|
| | \$ c. | \$ c. | | \$ c. | \$ c. |
| Ottawa..... | | 1,314.71 | 18,394.8 | 203,218.18 | 1,246.11 |
| Richmond..... | 84.50 | 5,386.62 | 6.3 | 133.91 | 67.78 |
| RURAL POWER DISTRICT: | | | | | |
| Nepean R.P.D..... | | 4,439.29 | 232.0 | 4,931.37 | 194.45 |
| Nepean twp. | | | | | |
| Goulburn twp. | | | | | |
| Gower N. twp. | | | | | |
| Gloucester twp. | | | | | |
| Osgoode twp. | | | | | |
| Totals—Municipalities..... | | 6,701.33 | 18,401.1 | 203,352.09 | 1,313.89 |
| Totals—Rural power district..... | | 4,439.29 | 232.0 | 4,931.37 | 194.45 |
| | | 11,140.62 | | | |
| Non-operating capital..... | | 112,086.90 | | | |
| Grand totals..... | | 123,227.52 | 18,633.1 | 208,283.46 | 1,508.34 |

SYSTEM

ending October 31, 1928

REVENUE FOR PERIOD

| | | |
|---|--------------|--------------|
| Collected from municipalities..... | \$205,099.84 | |
| Collected from customers in Nepean rural power district..... | 21,669.23 | |
| | | \$226,769.07 |
| Deduct: | | |
| Amounts collected from municipality of Richmond in excess of the sum required to be paid for power supplied in the year.... | \$206.59 | |
| Amounts collected from customers in Nepean rural power district in excess of the cost of power delivered thereto.... | 3,329.70 | |
| | | 3,536.29 |
| Revenue..... | | \$223,232.78 |

\$223,232.78

SYSTEM

COST OF POWER

the Power Commission Act—of Power supplied to it by the Commission; the amount cost; and the amount remaining to be credited to each Municipality upon power supplied to it in the year ending October 31, 1928

| Share of operating costs and fixed charges | | | | Total cost of power for year as provided to be paid under Power Commission Act | Amounts paid to the Commission by each municipality | Amounts remain- ing to be credited to each municipal- ity upon ascertain- ment of the actual cost of power by annual adjustment |
|--|-------------------------|--------------------------------------|-------------------------|--|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited |
| \$ c. 67.31 64.79 | \$ c. 26.29 27.16 | \$ c. 13.58 | \$ c. 13.84 14.30 | \$ c. 204,571.73 321.52 | \$ c. 204,571.73 528.11 | \$ c. 206.59 |
| 125.56 | 53.06 | 26.53 | 27.94 | 5,358.91 | 5,358.91 | ..... |
| 132.10 | 53.45 | 13.58 | 28.14 | 204,893.25 | 205,099.84 | 206.59 |
| 125.56 | 53.06 | 26.53 | 27.94 | 5,358.93 | 5,358.93 | |
| 257.66 | 106.51 | 40.11 | 56.08 | 210,252.16 | 210,458.75 | |

OTTAWA SYSTEM—

Statement showing the costs of distribution of power within Nepean rural power remaining to be credited to this district upon ascertainment (by annual

| Rural power district and municipalities comprised therein | Total capital cost of this district, provincial government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Distribu | |
|---|---|------------------|-------------------------|--|--|
| | Total capital cost | Government grant | Commission's investment | Cost of power delivered to this district as shown in "cost of power" table | Cost of operation maintenance and administration |
| Nepean R.P.D. | \$ 130,384.26 c. | \$ 64,045.56 c. | \$ 66,338.70 c. | \$ 5,358.91 c. | \$ 5,036.27 c. |
| Nepean twp. | | | | | |
| Goulburn twp. | | | | | |
| Gower N. twp. | | | | | |
| Gloucester twp. | | | | | |
| Osgoode twp. | | | | | |
| Non-operating capital... | 11,765.31 | ..... | 11,765.31 | ..... | ..... |
| | *142,149.57 | 64,045.56 | 78,104.01 | 5,358.91 | 5,036.27 |

*Includes portion of transmission lines used for purposes of rural power districts.

OTTAWA

Statement showing the net charge to each municipality in respect of power supplied to each Municipality in respect of power supplied in the year ending to each Municipality at

| Municipality | Date commenced operating | Net charge at October 31, 1927 | Adjustment made during the year |
|-----------------------|--------------------------|--------------------------------|---------------------------------|
| | | Charge | Charged |
| Ottawa..... | Jan., 1914 | \$ c. | \$ c. |
| Richmond..... | Aug., 1928 | ..... | ..... |
| RURAL POWER DISTRICT: | | | |
| Nepean R.P.D. | Feb., 1922 | 228.57 | 57.60 |
| Nepean twp. | | | |
| Goulburn twp. | | | |
| Gower N. twp. | | | |
| Gloucester twp. | | | |
| Osgoode twp. | | | |
| Totals..... | ..... | 228.57 | 57.60 |

RURAL POWER DISTRICT

RURAL OPERATING

district; the revenue collected from customers within this district; and the amount adjustment) of the actual costs in the year ending October 31, 1928

| tion costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amount remaining to be credited to Nepean rural power district |
|--------------------------------------|--------------------|--------------------------------------|-----------------|--------------------|--|--|
| Interest on capital investment | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited |
| \$ c. 3,203.43 | \$ c. 2,687.03 | \$ c. 1,343.51 | \$ c. 710.38 | \$ c. 18,339.53 | \$ c. 21,669.23 | \$ c. 3,329.70 |
| 3,203.43 | 2,687.03 | 1,343.51 | 710.38 | 18,339.53 | 21,669.23 | 3,329.70 |

SYSTEM

CREDIT OR CHARGE

to it to October 31, 1927; interest added during the year; also the net amount credited October 31, 1928, and the accumulated amount standing as a credit October 31, 1928

| Interest at 4% per annum added during the year | Net amount credited in respect of power supplied in year ending October 31, 1928 | Accumulated amount standing as a credit on October 31, 1928 |
|---|--|--|
| Charged | Credited | Credit |
| \$ c. 9.34 | \$ c. 206.59 3,329.70 | \$ c. 206.59 3,034.19 |
| 9.34 | 3,536.29 | 3,240.78 |

OTTAWA SYSTEM

Reserve for Renewals, October 31, 1928

| | | |
|---|------------|------------|
| Total provision for renewals to October 31, 1927..... | \$6,890.05 | |
| Deduct expenditures to October 31, 1927..... | 699.10 | |
| | | <hr/> |
| Balance brought forward October 31, 1927..... | | \$6,190.95 |

Added during the year ending October 31, 1928:

| | | |
|--|----------|-------------------|
| Amount charged to the municipalities and Nepean rural power district as part of the cost of power delivered to them..... | \$106.51 | |
| Amounts included in the costs of distribution of power to consumers within the Nepean rural power district..... | 2,687.03 | |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 247.64 | |
| | | <hr/> |
| | | 3,041.18 |
| | | <hr/> |
| Balance carried forward October 31, 1928..... | | <u>\$9,232.13</u> |

HYDRO-ELECTRIC POWER

Account with the Provincial Treasurer

NIAGARA AND

October 31st, 1928:

| | |
|---|--------------|
| Cash returned to the Province in the year ending October 31, 1928, to cover the difference between the advances by the Province to the Commission and the capital expenditures made out of such advances by the Commission in the year ending October 31, 1927..... | \$647,030.54 |
|---|--------------|

April 30, 1928:

| | |
|----------------------------------|----------------|
| Paid on account of interest..... | \$3,958,391.61 |
|----------------------------------|----------------|

October 31, 1928:

| | | |
|---|--------------|--------------|
| Cheque to cover balance of interest for year ending October 31, 1927..... | 3,859,453.68 | |
| | | <hr/> |
| | | 7,817,845.29 |

October 31, 1928:

| | |
|---|--------------|
| Payment under debt retirement plan..... | 1,417,529.45 |
|---|--------------|

October 31, 1928:

| | | |
|---------------------------|----------------|-------------------------|
| Balance carried down..... | 137,462,584.41 | |
| | | <hr/> |
| | | <u>\$147,344,989.69</u> |

OTTAWA SYSTEM

Reserve for Obsolescence and Contingencies October 31, 1928

| | |
|---|-------------------|
| Total provision for contingencies to October 31, 1927..... | \$4,284.18 |
| Added during the year ending October 31, 1928: | |
| Amounts charged to municipalities of Richmond and Nepean rural power district as part of the cost of power delivered to them..... | \$40.11 |
| Amounts included in the costs of distribution of power to consumers within the Nepean rural power district..... | 1,343.51 |
| Interest at 4% per annum on monthly balances at the credit of the account..... | 171.37 |
| | <u>1,554.99</u> |
| | \$5,839.17 |
| Deduct: | |
| Proportionate share of expenditures, in the years 1909 to 1925, incidental to the establishment of the power systems and for the ultimate benefit of the municipalities comprised therein, which expenditures were originally made by the Commission out of advances by the province of Ontario and such advances were repaid to the province in October, 1928, together with interest thereon..... | 3,503.99 |
| | <u>\$2,335.18</u> |

OTTAWA SYSTEM

For Sinking Fund Table see next page

COMMISSION OF ONTARIO

for the Year ending October 31, 1928

OTHER SYSTEMS

October 31, 1927:

| | |
|--|-------------------------|
| Cash advances to date..... | \$138,698,793.40 |
| Less repayments to that date under debt retirement plan..... | 6,150,567.00 |
| | <u>\$132,548,226.40</u> |

November 1, 1927, to October 31, 1928:

| | |
|---------------------------|--------------|
| Sundry cash advances..... | 6,978,918.00 |
|---------------------------|--------------|

October 31, 1928:

| | |
|--|-------------------------|
| Interest for year on all cash advances, including those made in respect of Central Ontario system..... | \$8,115,585.89 |
| Less—Interest credited by Province on repayments made by Commission..... | 297,740.60 |
| | <u>7,817,845.29</u> |
| | <u>\$147,344,989.69</u> |

November 1, 1928:

| | |
|---|-------------------------|
| Total cash advances..... | \$145,030,680.86 |
| Less: Payments made under debt retirement plan..... | 7,568,096.45 |
| | <u>\$137,462,584.41</u> |

OTTAWA SYSTEM

SINKING FUND

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, and interest allowed thereon to October 31, 1928

| Municipality | Period of years ending October 31, 1928 | Amount |
|---|--|-----------------|
| Ottawa..... | 13 years | \$ c. 172.16 |
| Richmond..... | 1 year | 14.30 |
| RURAL POWER DISTRICT: | | |
| Nepean R.P.D.—Gloucester, Goulburn, Gower, N. Nepean and Osgoode twps..... | 7 years | 2,743.72 |
| Total..... | | 2,930.18 |

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

Operating Account for the Year Ending October 31, 1928

EXPENDITURE

| | |
|--|-----------------------|
| Transportation expenses..... | \$327,980.11 |
| Maintenance—way and structures..... | 69,278.50 |
| Maintenance—equipment..... | 111,810.19 |
| Power..... | 123,742.38 |
| Rental of motor buses..... | 102,376.45 |
| General operating and management expenses..... | 64,887.38 |
| Proportion of administrative and accounting expenses of the Commission chargeable to the operation of the railway..... | 22,483.76 |
| Taxes..... | 4,565.18 |
| Insurance—fire and liability..... | 59,995.43 |
| Written off valuation and other expenses re purchase of the railway by the Commission..... | 1,779.54 |
| Total operating expenses..... | \$888,898.92 |
| Interest..... | 255,716.75 |
| Surplus for the year (before provision for depreciation of road and equipment).... | 14,095.05 |
| | <u>\$1,158,710.72</u> |

REVENUE

| | |
|--------------------------|-----------------------|
| Passenger..... | \$1,117,354.76 |
| Freight and express..... | 29,569.28 |
| Miscellaneous..... | 11,786.68 |
| Total revenue..... | <u>\$1,158,710.72</u> |
| | <u>\$1,158,710.72</u> |

Deficit Account

| | |
|--|--------------------|
| Debit balance brought forward from October, 1927..... | \$19,980.01 |
| | <u>\$19,980.01</u> |
| Operating surplus for year ending October 31, 1928..... | \$14,095.05 |
| Balance as shown on statement of assets and liabilities..... | 5,884.96 |
| | <u>\$19,980.01</u> |

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

Reserve for Renewals, October 31, 1928

| | |
|---|----------------------|
| Total provision for renewals to October 31, 1927..... | \$195,388.55 |
| Deduct: | |
| Expenditures to October 31, 1927..... | 91,659.22 |
| Balance brought forward October 31, 1927..... | \$103,729.33 |
| Additional provision for renewals to October 31, 1927..... | 4,487.91 |
| | <u>108,217.24</u> |
| Added during the year ending October 31, 1928: | |
| Interest at 4% per annum on the monthly balances to the credit of the account | 4,149.17 |
| | <u>\$ 112,366.41</u> |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | 40,124.13 |
| Balance carried forward October 31, 1928..... | <u>\$ 72,242.28</u> |

GUELPH RADIAL RAILWAY

Operating Account for the Year ending October 31, 1928

EXPENDITURE

| | | |
|---|-------------|----------------------------|
| Transportation expense..... | \$25,314.99 | |
| Maintenance—way and structures..... | 8,418.13 | |
| Maintenance—equipment..... | 14,923.78 | |
| Electric power and motor fuel..... | 11,225.19 | |
| Rental of motor bus..... | 246.66 | |
| General operating and management expenses..... | 7,942.85 | |
| Proportion of administrative and accounting expenses of the Commission chargeable to the operation of the railway..... | 2,494.12 | |
| Insurance..... | 5,080.27 | |
| Taxes..... | 2,698.94 | |
| Written off valuation and other expenses re purchase by the Commission..... | 256.30 | |
| | | <u>\$78,601.23</u> |
| Interest..... | | 14,733.74 |
| Provision for instalments payable to the city of Guelph on May 1, 1928, and November 1, 1928, under purchase agreement: | | |
| Interest for year..... | \$5,015.23 | |
| On account of principal..... | 6,684.77 | |
| | | <u>11,700.00</u> |
| Provision for renewal of road and equipment..... | | 10,275.22 |
| | | <u><u>\$115,310.19</u></u> |

REVENUE

| | |
|---|----------------------------|
| Operating revenue..... | \$91,241.92 |
| Net deficit for year, after provision for instalments on account of principal and interest payable to the city of Guelph..... | 24,068.27 |
| | <u><u>\$115,310.19</u></u> |

Reserve for Renewals, October 31, 1928

| | |
|--|---------------------------|
| Total provision for renewals, to October 31, 1927..... | \$18,937.37 |
| Added during the year ending October 31, 1928: | |
| By appropriation for the year..... | \$10,275.22 |
| Interest at 4% on the monthly balances to the credit of the account..... | 757.50 |
| | <u>11,032.72</u> |
| | <u>\$29,970.09</u> |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | 1,611.62 |
| | <u><u>\$28,358.47</u></u> |

CENTRAL ONTARIO AND TRENT SYSTEM AND NIPISSING SYSTEM

The following balance sheet and operating account relate to the systems known as "Central Ontario and Trent" and "Nipissing" which, together, serve electrical energy to sixty-four municipalities, companies and rural power districts. The Central Ontario and Trent system extends from the municipality of Pickering on the west to and including the city of Kingston on the east and as far north as Lindsay. The Nipissing system supplies the towns of North Bay, Powassan and Callander, and the village of Nipissing. The Central Ontario and Nipissing systems were purchased by the Provincial Government, as at the 1st of March, 1916, from the Electric Power Company, Limited, the purchase price being the sum of \$8,350,000.

Since the acquisition of these properties, and their transfer to the Commission to operate in trust for the Government, it has been found necessary to enlarge, extend and improve the systems to meet the increasing demands for electrical service until at present the capital investment approximates \$15,000,000.

The Central Ontario system and the Trent system both receive their electrical energy from the same sources of power supply through the same main transmission network, and from the standpoint of power development and electrical operation are regarded as a unit, and are known as the Central Ontario and Trent system. It may be explained that after the Central Ontario system was purchased by the Provincial Government, a number of municipalities in central Ontario, from time to time, applied to the Hydro-Electric Commission for power to be supplied under the provisions of the Power Commission Act. The municipalities in central Ontario which thus enter into direct relationship with the Hydro-Electric Power Commission are for purposes of financial administration grouped in what is termed the "Trent" system.

The operation of these two systems—the "Central Ontario and Trent" and the "Nipissing"—entails the generation, transformation and transmission of electrical energy to thirty-three municipalities, fifteen companies and sixteen rural power districts, and in addition thereto the operation of three gas plants—at Peterborough, Oshawa and Cobourg—the Cobourg waterworks and the Campbellford pulp mill.

With the exception of fifteen municipalities, namely, Bloomfield, Havelock, Kingston, Lakefield, Lindsay, Madoc, Marmora, Norwood, Omemee, Peterborough, Picton, Stirling, Warkworth, Wellington and Whitby, eleven of which constitute the Trent system, the whole property, local and otherwise, is operated and maintained by the Commission. Although the ownership of the whole plant is vested in the Province (except the fifteen local systems of the municipalities mentioned), precisely the same methods, with respect to the control of rates, operation, maintenance, and provision for renewal of plant and equipment, are applied, as appertain to the other systems controlled and operated by the Commission.

An annual adjustment of the system's capital cost and expenses is made and those municipalities operating their own utilities and which have contracts for power to be supplied at cost, receive an additional charge or credit as the case may be—on account of power cost as ascertained by this adjustment, just as is done in the case of the municipalities comprising the Niagara system and other systems.

NOTE: The town of Lindsay assumed the ownership and operation of the distribution system within its boundaries on March 1, 1928.

CENTRAL ONTARIO

(ALSO NIPISSING)

Operated by the Hydro-Electric

Statement of Assets and

ASSETS

| | | | |
|---|----------------|----------------|-----------------|
| Central Ontario: | | | |
| Power developments and hydraulic rights..... | \$7,784,091.23 | | |
| Transmission lines..... | 2,093,259.14 | | |
| Transformer stations..... | 801,230.83 | | |
| | | | \$10,678,581.20 |
| Local utilities—electric, gas and water..... | | | 2,489,219.00 |
| Service buildings..... | | | 41,615.43 |
| Rural power districts..... | \$409,711.99 | | |
| Less: Government grants..... | 204,856.00 | | |
| | | | 204,855.99 |
| Nipissing: | | | |
| Power developments..... | \$739,755.95 | | |
| Transmission lines..... | 87,026.10 | | |
| Transformer stations..... | 47,487.56 | | |
| | | | 874,269.61 |
| Local utilities—electric..... | | | 246,470.11 |
| Service buildings..... | | | 6,343.66 |
| Rural power district..... | \$12,333.41 | | |
| Less: Government grants..... | 6,166.71 | | |
| | | | 6,166.70 |
| Pulp mill and pulpwood areas..... | | | 436,953.67 |
| | | | \$14,984,475.37 |
| Reserve funds: | | | |
| Invested in securities of the Province of Ontario—par value..... | \$1,580,000.00 | \$1,573,791.00 | |
| Invested in securities of (or guaranteed by) the Dominion of Canada—par value.... | 900,000.00 | 899,891.20 | |
| Interest accrued thereon..... | | 19,220.83 | |
| | | | 2,492,903.03 |
| Other investments: | | | |
| Debentures of the town of Trenton, re sale of waterworks.. | \$17,024.37 | | |
| Debentures of the town of Napanee, re sale of property and water privileges..... | 12,499.15 | | |
| Interest accrued thereon..... | 1,175.56 | | |
| | | | 30,699.08 |
| Inventories: | | | |
| Tools and equipment..... | \$56,271.40 | | |
| Material and supplies..... | 268,254.93 | | |
| | | | 324,526.33 |
| Accounts receivable: | | | |
| Power and pulp mill accounts..... | \$106,168.70 | | |
| Consumers' supply—sales accounts..... | 21,628.04 | | |
| Consumers' light and power accounts..... | 43,070.84 | | |
| | | | |
| | \$170,867.58 | | |
| Less: Reserve for doubtful accounts..... | 7,032.74 | | |
| | | | 163,834.84 |
| Balances due by certain municipalities in respect of the cost of power supplied to them as provided to be paid under their contracts with the Commission..... | | | 776.99 |
| Cash in branch banks..... | | | 353.28 |
| Hydro-Electric Power Commission of Ontario—current account..... | | | 348,542.62 |
| Expenses and insurance prepaid..... | | | 2,994.78 |
| Work in progress: | | | |
| Chargeable upon completion to capital construction..... | | | 6,141.65 |
| | | | \$18,355,247.97 |

AND TRENT SYSTEM

SYSTEM)

Power Commission of Ontario

Liabilities, October 31, 1928

| LIABILITIES | | |
|--|----------------|-----------------|
| To Province of Ontario: | | |
| Purchase price of system..... | \$8,350,000.00 | |
| Purchase price of Bruton pulpwood area..... | 300,000.00 | |
| Cash advances..... | 6,823,235.21 | |
| | | \$15,473,235.21 |
| Debentures assumed in respect of rural lines in Whitby and East | | |
| Whitby townships..... | \$12,033.19 | |
| Interest accrued thereon..... | 556.76 | |
| | | 12,589.95 |
| Accounts payable and accrued charges..... | \$24,077.36 | |
| Consumers' deposits..... | 35,615.85 | |
| Unearned water rates..... | 2,680.00 | |
| | | 62,373.21 |
| Balance due to certain municipalities in respect of amounts paid | | |
| by them in excess of the cost of power supplied to them, | | |
| as provided to be paid under their contracts with the | | |
| Commission..... | | |
| | | 69,835.65 |
| Reserve for renewals..... | | 2,146,291.13 |
| Reserve for obsolescence, contingencies and amortization..... | | 575,337.05 |
| Surplus..... | | 15,585.77 |
| Contingent Liabilities: | | |
| In respect of contracts entered into for works under con- | | |
| struction..... | | |
| | \$31,179.85 | |

\$18,355,247.97

CENTRAL ONTARIO

(ALSO NIPISSING)

Operating Account for the Year

COST OF OPERATION

Power Department:

| | | |
|---|-------------|-----------------------|
| Power purchased..... | \$11,426.17 | |
| Cost of operating and maintaining generating plants, transmission lines, stations, rural power districts, etc., including rentals of water powers, and the proportion of administrative expenses chargeable to the operation of the power department..... | 571,789.10 | |
| Interest on capital investment..... | 539,088.56 | |
| Provision for renewal of generating plants, stations, lines, rural power districts, etc..... | 104,654.57 | |
| Provision for obsolescence, contingencies and amortization..... | 270,349.71 | |
| | | <u>\$1,497,308.11</u> |

Utilities:

| | | |
|---|--------------|-------------------|
| Cost of operating and maintaining electric light distribution systems, gas systems and water system, including materials and supplies and the proportion of administrative expenses chargeable to the operation of these utilities..... | \$332,692.20 | |
| Interest on capital investment..... | 130,140.55 | |
| Provision for renewal of plants and equipment..... | 49,055.24 | |
| Provision for obsolescence, contingencies and amortization..... | 77,868.92 | |
| | | <u>589,756.91</u> |

| | |
|---|------------------------------|
| Total cost of operation of power department and utilities..... | \$2,087,065.02 |
| Carrying charges for the year on the Bruton township pulpwood areas, and loss on operation of Campbellford pulp mill..... | 71,571.83 |
| Net operating surplus for the year..... | <u>147,390.50</u> |
| | <u><u>\$2,306,027.35</u></u> |

Surplus

| | |
|--|----------------------------|
| Additional provision for obsolescence, contingencies and amortization..... | \$135,000.00 |
| Balance as shown on statement of assets and liabilities..... | 15,585.77 |
| | <u><u>\$150,585.77</u></u> |

AND TRENT SYSTEM

SYSTEM)

ending October 31, 1928

REVENUE FOR PERIOD

| | | |
|---|----------------|-----------------------|
| Power sold to private companies and certain municipalities, and the pulp mill. | \$339,932.21 | |
| Power supplied to certain other municipalities at cost in accordance with their contracts with the Commission. | 368,764.00 | |
| Power supplied at cost to works under construction. | 49.55 | \$708,745.76 |
| Light and power sold to consumers on the nineteen electric light distribution systems. | \$1,360,180.15 | |
| Gas sold to consumers on three gas systems, and sales of by-products. | 180,153.08 | |
| Water sold to consumers on one water system. | 39,034.12 | 1,579,367.35 |
| Total revenue from power department and utilities. | \$2,288,113.11 | |
| Net profit on sale of equipment and supplies, etc. | 17,914.24 | |
| | | <u>\$2,306,027.35</u> |

Account

| | |
|--|---------------------|
| Credit balance brought forward from October 31, 1927. | \$3,195.27 |
| Net operating surplus for the year ending October 31, 1928. | 147,390.50 |
| | <u>\$150,585.77</u> |

CENTRAL ONTARIO

Statement showing the amount to be paid by each of the following Municipalities received by the Commission from each Municipality on account of such ascertaining (by annual adjustment), the actual cost of power

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating cost | |
|---|--|------------------|---|---|--|------------|
| | To Jan. 1, 1928 | To Oct. 31, 1928 | | | Operation, maintenance and administrative expenses | Interest |
| | \$ c. | \$ c. | \$ c. | | \$ c. | \$ c. |
| Bloomfield..... | 65.00 | 65.00 | 38,413.76 | 88.4 | 1,583.28 | 1,809.95 |
| Havelock..... | 55.00 | 55.00 | 74,685.24 | 234.0 | 3,440.26 | 3,512.47 |
| Lakefield..... | 65.00 | 55.00 | 56,936.57 | 163.0 | 1,991.52 | 2,683.16 |
| Lindsay..... | | 44.00 | 240,626.58 | 940.6 | 14,621.50 | 11,297.59 |
| Marmora..... | 45.00 | 45.00 | 25,492.61 | 80.6 | 1,750.24 | 1,200.02 |
| Norwood..... | 44.00 | 44.00 | 29,038.14 | 122.9 | 1,760.69 | 1,360.28 |
| Peterborough..... | 32.00 | 32.00 | 1,172,987.61 | 5,799.2 | 53,993.48 | 55,124.98 |
| Picton..... | 50.00 | 50.00 | 230,197.98 | 627.4 | 8,721.72 | 10,811.40 |
| Warkworth..... | 60.00 | 60.00 | 16,815.12 | 49.6 | 785.93 | 792.02 |
| Wellington..... | 55.00 | 55.00 | 45,675.03 | 134.8 | 1,984.46 | 2,151.35 |
| Whitby..... | 32.00 | 36.00 | 213,581.71 | 838.5 | 10,399.28 | 9,760.97 |
| RURAL POWER DISTRICT | | | | | | |
| Belleville R.P.D.—Sidney and Thurlow twps. | | | 28,300.02 | 129.0 | 1,393.15 | 1,297.02 |
| Bowmanville R.P.D.—Darlington twp..... | | | 1,130.71 | 4.9 | 59.28 | 52.45 |
| Campbellford R.P.D.—Rawdon and Seymour twps..... | | | 11,871.28 | 53.7 | 516.86 | 556.26 |
| Cobourg R.P.D.—Alnwick and Hamilton twps..... | | | 3,153.46 | 13.7 | 172.89 | 147.85 |
| Colborne R.P.D.—Haldimand twp..... | | | 9,260.67 | 36.9 | 438.46 | 428.97 |
| Kingston R.P.D.—Kingston twp..... | | | 11,410.30 | 38.3 | 438.48 | 536.49 |
| Lakefield R.P.D.—Smith twp..... | | | 104.80 | 0.3 | 3.44 | 4.37 |
| Napanee R.P.D.—Richmond twp..... | | | 478.11 | 2.0 | 24.05 | 22.43 |
| Newcastle R.P.D.—Clarke and Darlington twps..... | | | 2,966.42 | 11.3 | 146.65 | 138.35 |
| Oshawa R.P.D.—Darlington, Pickering, Whitby and East Whitby twps..... | | | 56,186.78 | 240.8 | 2,718.82 | 2,578.96 |
| Peterborough R.P.D.—Douro, North Monaghan, Otonabee and Smith twps..... | | | 62,738.42 | 306.5 | 3,155.87 | 2,928.52 |
| Pickering R.P.D.—Pickering and Whitby twps..... | | | 25,687.83 | 105.1 | 1,322.74 | 1,181.09 |
| Port Hope R.P.D.—Hope twp..... | | | 3,787.11 | 15.7 | 261.15 | 177.66 |
| Trenton R.P.D.—Murray and Sidney twps.. | | | 2,104.79 | 10.0 | 112.04 | 98.55 |
| Wellington R.P.D.—Hallowell twp..... | | | 1,449.00 | 4.2 | 51.53 | 68.10 |
| Totals—Municipalities..... | | | 2,144,450.35 | 9,079.0 | 101,032.36 | 100,504.19 |
| Totals—Rural Power Districts..... | | | 220,629.70 | 972.4 | 10,815.41 | 10,217.07 |
| Grand Totals..... | | | 2,365,080.05 | 10,051.4 | 111,847.77 | 110,721.26 |

AND TRENT SYSTEM

COST OF POWER

as the Cost of Power supplied to it under its contract with the Commission, the amount cost, and the amount credited or charged to each Municipality upon supplied to it in the year ending October 31, 1928

| and fixed charges | | Share of amount by which cost exceeds the revenue from power sold to private companies | Total cost of power for year as provided to be paid under contracts | Amounts paid to the Commission by each municipality | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|-------------------|---|--|---|---|--|---------|
| Renewals | Obsolescence contingencies and amortization | | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 534.40 | 671.43 | 315.48 | 4,914.54 | 5,743.25 | 828.71 | ..... |
| 876.91 | 1,417.82 | 835.08 | 10,082.54 | 12,870.70 | 2,788.16 | ..... |
| 710.27 | 1,057.36 | 581.70 | 7,024.01 | 9,270.78 | 2,246.77 | ..... |
| 2,338.45 | 4,902.46 | 3,356.73 | 36,516.73 | 41,386.38 | 4,869.65 | ..... |
| 297.91 | 497.25 | 287.64 | 4,033.06 | 3,629.22 | ..... | 403.84 |
| 256.81 | 611.93 | 438.60 | 4,428.31 | 5,406.47 | 978.16 | ..... |
| 8,307.64 | 25,875.47 | 20,695.71 | 163,997.28 | 185,573.83 | 21,576.55 | ..... |
| 2,937.28 | 4,162.85 | 2,239.02 | 28,872.27 | 31,368.28 | 2,496.01 | ..... |
| 205.85 | 316.38 | 177.01 | 2,277.19 | 2,978.00 | 700.81 | ..... |
| 558.96 | 855.36 | 481.06 | 6,031.19 | 7,411.67 | 1,380.48 | ..... |
| 1,954.14 | 4,247.11 | 2,992.36 | 29,353.86 | 29,559.51 | 205.65 | ..... |
| 214.55 | 599.37 | 460.36 | 3,964.45 | 3,964.45 | see page 235 | |
| 9.48 | 23.69 | 17.49 | 162.39 | 162.39 | see page 235 | |
| 96.19 | 254.95 | 191.64 | 1,615.90 | 1,615.90 | see page 235 | |
| 27.04 | 66.97 | 48.90 | 463.65 | 463.65 | see page 235 | |
| 85.75 | 190.42 | 131.68 | 1,275.28 | 1,275.28 | see page 235 | |
| 127.37 | 222.18 | 136.68 | 1,461.20 | 1,461.20 | see page 235 | |
| 1.07 | 1.83 | 1.08 | 11.79 | 11.79 | see page 235 | |
| 4.30 | 9.99 | 7.14 | 67.91 | 67.91 | see page 235 | |
| 29.20 | 60.20 | 40.32 | 414.72 | 414.72 | see page 235 | |
| 466.92 | 1,160.55 | 859.34 | 7,784.59 | 7,784.59 | see page 235 | |
| 445.40 | 1,372.47 | 1,093.81 | 8,996.07 | 8,996.07 | see page 235 | |
| 227.11 | 523.28 | 375.07 | 3,629.29 | 3,629.29 | see page 235 | |
| 34.44 | 79.46 | 56.03 | 608.74 | 608.74 | see page 235 | |
| 15.80 | 45.76 | 35.69 | 307.84 | 307.84 | see page 235 | |
| 17.86 | 26.99 | 14.98 | 179.46 | 179.46 | see page 235 | |
| 18,978.62 | 44,615.42 | 32,400.39 | 297,530.98 | 335,198.09 | 38,070.95 | 403.84 |
| 1,802.48 | 4,638.11 | 3,470.21 | 30,943.28 | 30,943.28 | ..... | ..... |
| 20,781.10 | 49,253.53 | 35,870.60 | 328,474.26 | 366,141.37 | ..... | ..... |

CENTRAL ONTARIO AND TRENT SYSTEM—

Statement showing the costs of distribution of power within each Rural Power district, and the amounts remaining to be credited to certain districts ascertainment (by annual adjustment) of the actual

| Rural power districts and municipalities comprised therein | Total capital cost of each district; Provincial Government grant received and applied thereagainst and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding |
|---|--|------------------|-------------------------|--|
| | Total capital cost | Government grant | Commission's investment | |
| | \$ c. | \$ c. | \$ c. | \$ c. |
| Belleville R.P.D.—Thurlow and Sidney twps... | 32,825.59 | 16,076.61 | 16,748.98 | 3,964.45 |
| Bowmanville R.P.D.—Darlington twp..... | 720.18 | 360.09 | 360.09 | 162.39 |
| Campbellford R.P.D.—Seymour and Rawdon twps..... | 14,000.22 | 7,000.11 | 7,000.11 | 1,615.90 |
| Cobourg R.P.D.—Alnwick and Hamilton twps. | 36,914.79 | 18,457.39 | 18,457.40 | 463.65 |
| Colborne R.P.D.—Haldimand twp..... | 17,381.41 | 8,690.71 | 8,690.70 | 1,275.28 |
| Kingston R.P.D.—Kingston twp..... | 29,477.46 | 14,738.73 | 14,738.73 | 1,461.20 |
| Lakefield R.P.D.—Smith twp..... | 212.00 | 106.00 | 106.00 | 11.79 |
| Napanee R.P.D.—Richmond twp..... | 1,093.83 | 546.92 | 546.91 | 67.91 |
| Newcastle R.P.D.—Clarke and Darlington twps..... | 6,435.80 | 3,054.39 | 3,381.41 | 414.72 |
| Oshawa R.P.D.—East Whitby, Whitby, Pickering and Darlington twps..... | 104,291.81 | 51,871.46 | 52,420.35 | 7,784.59 |
| Peterborough R.P.D.—Douro, North Monaghan, Otonabee and Smith twps..... | 71,044.72 | 35,522.36 | 35,522.36 | 8,996.07 |
| Pickering R.P.D.—Pickering and Whitby twps. | 21,205.94 | 10,602.98 | 10,602.96 | 3,629.29 |
| Port Hope R.P.D.—Hope twp..... | 15,945.78 | 7,972.89 | 7,972.89 | 608.74 |
| Trenton R.P.D.—Murray and Sidney twps.... | 2,558.64 | 1,279.32 | 1,279.32 | 307.84 |
| Wellington R.P.D.—Hallowell twp..... | 2,043.19 | 928.21 | 1,114.98 | 179.46 |
| | 356,151.36 | 177,208.17 | 178,943.19 | 31,526.81 |

NIPISSING SYSTEM—

| | | | | |
|---------------------------------------|-----------|----------|----------|----------|
| North Bay R.P.D.—West Ferris twp..... | 12,333.41 | 6,166.71 | 6,166.70 | 2,485.04 |
|---------------------------------------|-----------|----------|----------|----------|

MEMO:

xa Indicates power purchased from local municipality.

| | |
|---|--------------|
| * Reconciliation of Commission's investment as above..... | \$178,943.19 |
| Work in progress..... | 27,647.84 |
| | \$206,591.03 |
| Less a transfer from transmission lines..... | 1,735.04 |
| As per statement of assets and liabilities..... | \$204,855.99 |

RURAL POWER DISTRICTS

RURAL OPERATING

District, the revenues collected from (or charged to) customers within each or charged to the Municipalities comprising certain other districts upon costs in the year ending October 31, 1928

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amount remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|--------------------------------|-----------------|--|------------|---|--|---------|
| Cost of operation, maintenance and administration | Interest on capital investment | Renewal charges | Obsolescence, contingencies and amortization | | | Credited | Charged |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,667.59 | 671.08 | 550.96 | 284.64 | 8,138.72 | 12,811.99 | 4,673.27 | ..... |
| 78.22 | 17.13 | 14.40 | 7.39 | 279.53 | 219.54 | ..... | 59.99 |
| 135.64 | 332.93 | 280.00 | 143.70 | 2,508.17 | 2,746.89 | 238.72 | ..... |
| 1,854.62 | 329.79 | 277.37 | 142.36 | 3,067.79 | 2,961.71 | ..... | 106.08 |
| 614.40 | 389.84 | 327.87 | 168.28 | 2,775.67 | 3,266.70 | 491.03 | ..... |
| 1,954.25 | 691.63 | 581.68 | 298.55 | 5,570.84 | 4,922.86 | ..... | 647.98 |
| 22.84 | 1.23 | 1.03 | 0.53 | 37.42 | 15.94 | ..... | 21.48 |
| 159.74 | 26.01 | 21.88 | 11.23 | 286.77 | 170.78 | ..... | 115.99 |
| 451.26 | 132.75 | 105.11 | 54.85 | 1,158.69 | 1,194.58 | 35.89 | ..... |
| 5,713.38 | 2,262.36 | 1,891.76 | 972.47 | 18,624.56 | 23,151.24 | 4,526.68 | ..... |
| 4,063.29 | 1,254.95 | 1,055.47 | 541.72 | 15,911.50 | 19,440.73 | 3,529.23 | ..... |
| 1,814.30 | 455.07 | 382.74 | 196.44 | 6,477.84 | 7,734.38 | 1,256.54 | ..... |
| 452.66 | 336.30 | 282.85 | 145.17 | 1,825.72 | 1,888.63 | 62.91 | ..... |
| 234.89 | 57.30 | 48.19 | 24.74 | 672.96 | 1,274.22 | 601.26 | ..... |
| 75.98 | 39.32 | 29.35 | 15.58 | 339.49 | 437.48 | 97.99 | ..... |
| 20,292.86 | 6,997.69 | 5,850.66 | 3,007.65 | 67,675.67 | 82,237.67 | 15,513.52 | 951.52 |

RURAL POWER DISTRICT

| | | | | | | | |
|--------|--------|--------|-------|----------|----------|--------|-------|
| 632.18 | 193.66 | 162.88 | 83.59 | 3,557.35 | 3,966.07 | 408.72 | |
|--------|--------|--------|-------|----------|----------|--------|-------|

CENTRAL ONTARIO

Statement showing the net Credit or Charge to each of the following Municipalities thereon, adjustments made and interest added during the year, also the net in the year ending October 31, 1928, and the accumulated amount

| Municipality | Date commenced operating | Net credit or charge at October 31, 1927 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|--|--------------------------|--|----------|--|-----------|
| | | Credit | Charge | Credited | Charged |
| | | \$ c. | \$ c. | \$ c. | \$ c. |
| Bloomfield | April, 1919 | 158.05 | | | 160.68 |
| Havelock | Feb., 1921 | 1,350.93 | | | 1,374.50 |
| Lakefield | Aug., 1920 | 2,765.75 | | | 2,822.52 |
| Lindsay | Mar., 1928 | | | | |
| Marmora | Jan., 1921 | | 200.38 | 203.52 | |
| Norwood | Feb., 1921 | 441.31 | | | 448.66 |
| Peterborough | Mar., 1913 | 2,488.22 | | | 2,521.71 |
| Picton | April, 1919 | | 962.34 | 977.38 | |
| Warkworth | Oct., 1923 | 125.31 | | | 127.40 |
| Wellington | April, 1919 | 438.91 | | | 446.22 |
| Whitby | Jan., 1926 | | 3,842.97 | 3,950.07 | |
| RURAL POWER DISTRICT | | | | | |
| Belleville R.P.D.—Thurlow and Sidney twps. | Sept., 1927 | 345.83 | | | 48.03 |
| Bowmanville R.P.D.—Darlington twp. | Jan., 1924 | 69.56 | | | 35.04 |
| Campbellford R.P.D.—Seymour and Rawdon twps. | Aug., 1924 | 396.38 | | | 679.38 |
| Cobourg R.P.D.—Alnwick and Hamilton twps. | Feb., 1927 | 809.91 | | | 90.60 |
| Colborne R.P.D.—Haldimand twp. | Aug., 1925 | 1,201.74 | | | 535.98 |
| Kingston R.P.D.—Kingston twp. | Jan., 1923 | 2,549.41 | | | 1,367.43 |
| Lakefield R.P.D.—Smith twp. | July, 1928 | | | | |
| Napanee R.P.D.—Richmond twp. | Nov., 1927 | | | | |
| Newcastle R.P.D.—Clarke and Darlington twps. | Sept., 1927 | | 173.81 | | 2.19 |
| Oshawa R.P.D.—East Whitby, Whitby, Pickering and Darlington twps. | April, 1918 | 12,352.96 | | | 3,342.02 |
| Peterborough R.P.D.—Douro, North Monaghan, Otonabee and Smith twps. | Jan., 1927 | 2,336.14 | | | 504.90 |
| Pickering R.P.D.—Pickering and Whitby twps. | Jan., 1926 | 2,048.87 | | | 400.02 |
| Port Hope R.P.D.—Hope twp. | Aug., 1927 | | 70.51 | | 27.09 |
| Trenton R.P.D.—Murray and Sidney twps. | Jan., 1924 | 145.83 | | | 52.98 |
| Wellington R.P.D.—Hallowell twp. | Nov., 1925 | 49.40 | | | 12.63 |
| | | 30,074.51 | 5,250.01 | 5,130.97 | 14,999.98 |
| NIPISSING | | | | | |
| North Bay R.P.D.—West Ferris twp. | June, 1927 | 554.80 | | | |
| Total | | 30,629.31 | 5,250.01 | 5,130.97 | 14,999.98 |

AND TRENT SYSTEM

CREDIT OR CHARGE

in respect of power supplied to it to October 31, 1927, the cash receipts and payments amount Credited or Charged to each Municipality in respect of power supplied standing as a Credit or Charge to each Municipality at October 31, 1928

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1928 | | Accumulated amount standing as a credit or charge on October 31, 1928 | |
|---|---------|--|----------|---|--------|
| Credited | Charged | Credited | Charged | Credit | Charge |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2.63 | | 828.71 | | 828.71 | |
| 23.57 | | 2,788.16 | | 2,788.16 | |
| 56.77 | | 2,246.77 | | 2,246.77 | |
| | | 4,869.65 | | 4,869.65 | |
| | 3.14 | | 403.84 | | 403.84 |
| 7.35 | | 978.16 | | 978.16 | |
| 33.49 | | 21,576.55 | | 21,576.55 | |
| | 15.04 | 2,496.01 | | 2,496.01 | |
| 2.09 | | 700.81 | | 700.81 | |
| 7.31 | | 1,380.48 | | 1,380.48 | |
| | 107.10 | 205.65 | | 205.65 | |
| 13.83 | | 4,673.27 | | 4,984.90 | |
| 2.78 | | | 59.99 | | 22.69 |
| 15.86 | | 238.72 | | | 28.42 |
| 32.40 | | | 106.08 | 645.63 | |
| 48.07 | | 491.03 | | 1,204.86 | |
| 101.98 | | | 647.98 | 635.98 | |
| | | | 21.48 | | 21.48 |
| | | | 115.99 | | 115.99 |
| | 6.95 | 35.89 | | | 147.06 |
| 492.06 | | 4,526.68 | | 14,029.68 | |
| 93.45 | | 3,529.23 | | 5,453.92 | |
| 81.95 | | 1,256.54 | | 2,987.34 | |
| | 2.82 | 62.91 | | | 37.51 |
| 5.83 | | 601.26 | | 699.94 | |
| 1.98 | | 97.99 | | 136.74 | |
| 1,023.40 | 135.05 | 53,584.47 | 1,355.36 | 68,849.94 | 776.99 |

SYSTEM

| | | | | | |
|----------|--------|-----------|----------|-----------|--------|
| 22.19 | | 408.72 | | 985.71 | |
| 1,045.59 | 135.05 | 53,993.19 | 1,355.36 | 69,835.65 | 776.99 |

CENTRAL ONTARIO AND TRENT SYSTEM

(ALSO NIPISSING SYSTEM)

Reserve for Renewals, October 31, 1928

| | |
|---|-----------------------|
| Total provision for renewals to October 31, 1927..... | \$2,278,319.94 |
| Deduct: | |
| Expenditures to October 31, 1927..... | 296,754.66 |
| Balance brought forward October 31, 1927..... | \$1,981,565.28 |
| Added during the year ending October 31, 1928: | |
| By charges against operation..... | \$155,772.10 |
| Interest at 4% per annum on the monthly balances to the credit of the account..... | 77,958.60 |
| | <u>233,730.70</u> |
| | \$2,215,295.98 |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | \$26,209.59 |
| Reserve for renewals set up in respect of the distribution system sold to the town of Lindsay, employed to repay to the Province of Ontario its investment in such distribution system..... | 42,795.26 |
| | <u>69,004.85</u> |
| Balance carried forward, October 31, 1928..... | <u>\$2,146,291.13</u> |

HYDRO-ELECTRIC POWER

In Account with the Provincial Treasurer

CENTRAL ONTARIO

| | |
|--|------------------------|
| June 1, 1928: | |
| Cash returned to the Province to cover the difference between the advances by the Province of Ontario to the Commission and the capital expendi- tures made out of such advances by the Commission in the year ending October 31, 1927..... | \$165,078.55 |
| June 1, 1928: | |
| Repayment to the Province of its investment in the Lindsay distribution system following the sale on March 1, 1928, of such distribution system to the town of Lindsay..... | 169,366.65 |
| October 31, 1928: | |
| Balance carried down..... | <u>15,473,235.21</u> |
| | <u>\$15,807,680.41</u> |

CENTRAL ONTARIO AND TRENT SYSTEM

(ALSO NIPISSING SYSTEM)

Reserve for Obsolescence, Contingencies and Amortization, October 31, 1928

| | |
|---|--------------------------|
| Balance brought forward October 31, 1927..... | \$269,408.60 |
| Additional provision for obsolescence, contingencies and amortization in respect of rural power districts to October 31, 1927..... | 7,029.75 |
| | <u>\$276,438.35</u> |
| Added during the year ending October 31, 1928: | |
| By charges against operation..... | \$355,878.12 |
| Further provision in the year for obsolescence, contingencies and amortization..... | 135,000.00 |
| Interest at 4% per annum on the monthly balances to the credit of the account..... | 10,737.06 |
| | <u>501,615.18</u> |
| | <u>\$778,053.53</u> |
| Deduct: | |
| Expenditures during the year ending October 31, 1928..... | \$47,195.03 |
| Appropriation to reduce the investment in Crow River storage... | 21,996.77 |
| Proportionate share of expenditures, with interest thereon, in the years 1909 to 1925, made by the Commission out of advances by the Province for establishment of the power systems, and for the ultimate benefit of the municipalities comprised therein—payment made in October, 1928..... | 133,524.68 |
| | <u>202,716.48</u> |
| Balance carried forward October 31, 1928..... | <u><u>575,337.05</u></u> |

COMMISSION OF ONTARIO

for the Year Ending October 31, 1928

SYSTEM

| | |
|---|--------------------------------------|
| October 31, 1927: | |
| Balance..... | \$14,937,680.41 |
| November 1, 1927, } to } October 31, 1928 } | Sundry cash advances..... 870,000.00 |
| | <u><u>\$15,807,680.41</u></u> |
| November 1, 1928: | |
| Balance..... | <u><u>\$15,473,235.21</u></u> |

APPROPRIATIONS, ADVANCES AND CAPITAL EXPENDITURES

For the year ended October 31, 1928

Appropriations made by the Legislature for the purposes of the Commission, Cash Advances by the Province to the Commission on account of such appropriations, and the Capital Expenditures made on each Undertaking and System by the Commission out of such Cash Advances in the Year Ended October 31, 1928

NIAGARA SYSTEM

| | | |
|--|-----------------------|-----------------------|
| Appropriations by the Legislature: | | |
| For power developments..... | \$285,000.00 | |
| For transmission lines, transformer stations and rural distribution systems..... | 4,510,000.00 | |
| For eastern transmission lines and stations..... | 5,000,000.00 | |
| | <u>\$9,795,000.00</u> | |
| Cash advances to the Commission out of such appropriations... | \$5,028,741.00 | |
| Unexpended balance as at October 31, 1928, returnable to Province..... | 262,783.37 | |
| | | <u>\$4,765,957.63</u> |
| Capital expenditure by the Commission: | | |
| On Ontario Power generating plant..... | \$640.22 | |
| On Toronto Power generating plant..... | 10.48 | |
| On right-of-way..... | 102,515.88 | |
| On steel-tower lines..... | 165,189.60 | |
| On wood-pole lines..... | 18,430.21 | |
| On transformer stations..... | 267,375.00 | |
| On eastern lines and stations..... | 3,749,710.20 | |
| On rural power districts..... | 692,826.74 | |
| | <u>\$4,996,698.33</u> | |
| On Queenston-Chippawa development: | | |
| Receipts in excess of expenditures..... | 230,740.70 | |
| | | <u>\$4,765,957.63</u> |
| NOTE:—Plant accounts reduced by— | | |
| book value of Chippawa lands sold \$45,067.00. | | |

GEORGIAN BAY SYSTEM

| | | |
|---|--------------|--------------|
| Appropriations by Legislature and special warrant | \$344,900.00 | |
| Cash advances to the Commission out of such appropriations. . . | \$232,091.00 | |
| Unexpended balance as at October 31, 1928, returnable to the Province | 1,376.82 | \$230,714.18 |
| Capital expenditure by the Commission: | | |
| On power development | \$105,455.99 | |
| On transmission lines | 44,745.53 | |
| On transformer stations | 13,006.73 | |
| On rural power districts | 67,505.93 | \$230,714.18 |

ST. LAWRENCE AND OTTAWA SYSTEMS AND EASTERN ONTARIO TRANSMISSION LINES

| | | |
|--|----------------|----------------|
| Appropriations by Legislature and special warrant | \$2,282,977.00 | |
| Cash advances to the Commission out of such appropriations. . . | \$1,507,281.00 | |
| Unexpended balance as at October 31, 1928, returnable to the Province | 30,372.20 | \$1,476,908.80 |
| Capital expenditures by the Commission: | | |
| St. Lawrence system: | | |
| On surveys and engineering re power sites on St. Lawrence river | \$473,214.40 | |
| On transmission lines | 33,361.27 | |
| On transformer stations | 9,881.41 | |
| On rural power districts | 7,324.60 | \$523,781.68 |
| Ottawa system: | | |
| On surveys and engineering re power sites on Ottawa and Madawaska rivers | \$34,955.91 | |
| On transmission lines | 1,414.08 | |
| On transformer stations | 598.11 | |
| On rural power districts | 20,922.38 | 57,890.48 |
| Eastern Ontario transmission lines, etc.: | | |
| On power development | \$458.91 | |
| On transmission lines | 750,365.96 | |
| On transformer stations | 144,411.77 | 895,236.64 |
| | | \$1,476,908.80 |

RIDEAU SYSTEM

| | | |
|---|-------------|-------------|
| Appropriations by Legislature and special warrant. | \$23,201.00 | |
| Cash advances to the Commission out of such appropriations. . . | \$15,689.00 | |
| Unexpended balance as at October 31, 1928, returnable to the Province. | 596.00 | \$15,093.00 |
| Capital expenditure by the Commission: | | |
| On power development. | \$14,556.91 | |
| On transformer stations. | 536.09 | |
| | | \$15,093.00 |

THUNDER BAY SYSTEM

| | | |
|---|----------------|--------------|
| Appropriations by Legislature. | \$4,045,000.00 | |
| Cash advances to the Commission out of such appropriations. . . | \$192,116.00 | |
| Unexpended balance as at October 31, 1928, returnable to the Province. | 3,858.45 | \$188,257.55 |
| Capital expenditure by the Commission: | | |
| On power development. | \$188,831.40 | |
| On transmission lines. | 3,879.73 | |
| | \$192,711.13 | |
| On transformer stations: | | |
| Receipts in excess of expenditures. | 4,453.58 | \$188,257.55 |

CENTRAL ONTARIO AND NIPISSING SYSTEMS

| | | |
|---|----------------|--------------|
| Appropriations by Legislature, special warrant and Treasury Board minute: | | |
| Central Ontario system. | \$1,205,000.00 | |
| Nipissing system. | 162,000.00 | |
| | \$1,367,000.00 | |
| Cash advances to the Commission out of such appropriations, special warrant and Treasury Board minute. | \$870,000.00 | |
| Cash made available by charging against revenue a portion of the expenditure in Crow River storage. | 21,996.77 | |
| | \$891,996.77 | |
| Unexpended balance as at October 31, 1928, returnable to the Province. | 216,682.91 | \$675,313.86 |
| Capital expenditure by the Commission: | | |
| On power developments (Central Ontario system). | \$16,916.05 | |
| On transmission lines (Central Ontario system). | 313,316.82 | |
| On transformer stations (Central Ontario system). | 70,713.22 | |
| On local utilities (Central Ontario system). | 90,889.57 | |
| On rural power districts (Central Ontario system). | 76,663.08 | |
| On service and office buildings (Central Ontario system). . . | 6,813.25 | |
| On power developments (Nipissing system). | 40,083.42 | |
| On transmission lines (Nipissing system). | 38,418.64 | |
| On transformer stations (Nipissing system). | 10,769.30 | |
| On local utilities (Nipissing system). | 7,978.47 | |
| On rural power districts (Nipissing system). | 2,802.04 | |
| | \$675,363.86 | |
| On Bruton limits and the Bancroft mill: | | |
| Receipts in excess of expenditures. | 50.00 | \$675,313.86 |

SAULT STE. MARIE DISTRICT

| | |
|---|-------------|
| Appropriations by Legislature..... | \$10,000.00 |
| Cash advances to the Commission out of such appropriations... | Nil. |
| Capital expenditures by the Commission..... | Nil. |

MISCELLANEOUS

| | |
|--|-------------|
| Appropriations by Legislature..... | \$50,000.00 |
| Cash advances to the Commission out of such appropriations... | \$3,000.00 |
| Unexpended balance as at October 31, 1928, returnable to the Province..... | 128.48 |
| | \$2,871.52 |
| Capital expenditure by the Commission: | |
| On service buildings..... | 2,871.52 |

HYDRO-ELECTRIC RAILWAYS

Sandwich, Windsor and Amherstburg Railway

| | |
|--|--------------|
| Cash in the hands of the Commission on October 31, 1927, being the unexpended balance of proceeds from sale of \$350,000.00 par value of bonds issued for the purposes of the railway... | \$87,417.15 |
| Expended out of renewal and other reserve funds belonging to the railway..... | 28,593.69 |
| | \$116,010.84 |
| Capital expenditure by the Commission..... | 116,010.84 |

Guelph Radial Railway

| | |
|---|----------|
| Receipts in excess of expenditures during the year..... | \$650.00 |
|---|----------|

Port Credit to St. Catharines Radial Railway

| | |
|--|-------------|
| Cash in the hands of the Commission on October 31, 1927, being the unexpended balance of borrowings, \$500,000.00..... | \$68,998.29 |
| Less—Cash in the hands of the Commission, belonging to the railway on October 31, 1928..... | 45,796.58 |
| | \$23,201.71 |
| Capital expenditure by the Commission..... | 23,201.71 |

Toronto to Port Credit Radial Railway

| | |
|--|-------------|
| Expended out of the renewal and other reserve funds of the Commission..... | \$49,460.71 |
|--|-------------|

RURAL POWER DISTRICTS—SUMMARY

Statement showing the Total Capital Expenditures to October 31, 1928, on the Construction of Primary and Secondary Lines in Rural Power Districts; the Portions thereof in Course of Construction; the Investment in Lines in Operation; the amounts of Grants (Fifty per cent. of both Primary and Secondary Lines) Payable to the Commission by the Province of Ontario; also the Extents to which Grants stand Authorized by Orders-in-Council under the Rural Hydro-Electric Distribution Act, and the Amounts of such Grants Paid over by the Province to the Commission under such Authorizations up to October 31, 1928

| System | Total capital expenditure | In course of construction | In operation | Grants (50% of primary and secondary lines) payable by the Province | Extents to which grants stand authorized by orders-in-council | Grants paid by Province to Commission under such authorizations |
|-----------------------------|---------------------------|---------------------------|--------------|---|---|---|
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Niagara system..... | 6,256,965.72 | 118,065.77 | 6,138,899.95 | 3,126,976.14 | 3,890,789.97 | 3,116,769.96 |
| Georgian Bay system..... | 319,821.13 | 33,368.18 | 286,452.95 | 140,421.20 | 176,365.70 | 139,637.36 |
| St. Lawrence system..... | 147,829.53 | 13,369.20 | 134,460.33 | 73,914.76 | 87,903.22 | 73,914.76 |
| Ottawa system..... | 151,621.74 | 23,530.62 | 128,091.12 | 75,810.87 | 85,320.76 | 75,810.87 |
| Central Ontario system..... | 6,876,238.12 | 188,333.77 | 6,687,904.35 | 3,417,122.97 | 4,240,379.65 | 3,406,132.95 |
| Nipissing system..... | 409,711.99 | 55,295.67 | 354,416.32 | 204,856.00 | 228,332.75 | 204,812.44 |
| | 12,333.41 | ..... | 12,333.41 | 6,166.71 | 6,498.50 | 6,166.71 |
| | 7,298,283.52 | 243,629.44 | 7,054,654.08 | 3,628,145.68 | 4,475,210.90 | 3,617,112.10 |

NOTE:—

The Grants payable by the Province—as above set out—in respect of Rural Power Districts as at October 31, 1928, amount in the aggregate to..... \$3,628,145.68

The Cash paid over by the Province to the Commission up to October 31, 1928, on account of authorized grants to Rural Power Districts—as above set out—amounts to..... 3,617,112.10

A balance of..... \$11,033.58

which balance represents:
(a) Grants (or balances thereof) payable by the Province to the Commission in respect of certain Rural Power Districts completed or under construction..... \$15,171.08

Less:
(b) Grant funds in the hands of the Commission at October 31, 1928, to apply against the construction of certain other authorized Rural Power Districts and extension to existing districts..... 4,137.50

\$11,033.58

SECTION X

MUNICIPAL ACCOUNTS

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing system and operating with energy supplied by or through the Hydro-Electric Power Commission.

Financial statements prepared from the books of all "Hydro" utilities are submitted herein to show how each has operated during the past year, and the financial status at the present time. Other tables give much useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the local electrical utilities in all municipalities which have contracted with the Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with a uniform accounting system designed by the Commission. During the year 1928, the uniform accounting system was installed in the following municipalities as each became ready for the service: Bridgeport, Finch, Lindsay and Richmond.

Periodical inspections are made of the books of all "Hydro" electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities, much of the bookkeeping for the electrical utilities is performed by representatives of the Municipal Audit department of the Commission, in order to insure the employment of proper classifications of revenue and expenditures, to save time in preparation of reports, to insure compliance with all the requirements of the standard accounting system, and to make certain that the accounts represent as truly as possible the actual operating results for the year.

The first financial statement in this section presents consolidated balance sheets for each year since 1912, and thus shows the march of progress. It combines the balance sheets of the local municipal utilities of all the systems. It is worth noting that the total plant value has increased from \$10,081,469.16 in 1913 to \$70,264,599.35 in 1928, and the total assets from \$11,907,826.86 to \$98,312,385.45. The liabilities have not increased in the same proportion as the assets, rising from \$10,468,351.79 to \$47,183,564.07. The reason for this is that much of the cost of the increasing plant value has been financed out of

surplus and reserve accounts without increasing the liabilities of the various systems. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 50.8 per cent in 1928. The equity in the Hydro-Electric Power Commission system automatically acquired through the inclusion of sinking fund as part of the cost of power is not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for each year since "Hydro" service was inaugurated and combines the results from the local municipal utilities of all the systems. Study of this statement will show that the revenue has been increasing satisfactorily. The combined annual surplus, after providing for every cost of operation and fixed charges, including an adequate depreciation charge, amounted in 1928 to \$2,016,451.58.

The five statements, "A" to "E," following the two consolidated reports show the financial status of each municipal system and the results of operations, and also give information respecting revenue, number of consumers and consumption; cost of power to municipalities; power and lighting rates charged to consumers, etc. In the statements "A" and "B," the municipalities are arranged in groups under each system and alphabetically for the municipalities in each system; in statement "D," the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically.

Statement "A" shows balance sheets for each municipality with the plant value subdivided into the general natural subdivisions specified in the standard accounting system, and there are also shown the other items which make up the total assets. It is to be noted that among the assets there are items entitled "equity in Hydro system." These items represent the amount of accumulated sinking fund paid by the various municipalities through the medium of "power cost" toward the ultimate retirement of the capital invested by the Hydro-Electric Power Commission on behalf of the partner municipalities. The total accumulation to the end of 1928 is shown on the consolidated balance sheet to be \$12,326,097.56.

During the year rebates were made in many municipalities in respect to surpluses standing to the credit of municipal street light and waterworks services, and to individual consumers, of amounts varying from one-sixth to one-fourth of the previous year's revenue. These rebates amounted in round figures to approximately \$235,000 and affected the cash balance and surplus in the current balance sheet accordingly, notwithstanding which material increases will be noted in both accounts when compared with the 1927 figures.

In each case the balance sheet is complete and final, including either in "accounts receivable," or "accounts payable," the adjustments with the Hydro-Electric Power Commission of the differences between the estimated and the actual costs of power to the municipality.

The liabilities of each local system are set out under their general subdivisions,—debenture balance, accounts payable, bank overdraft, and other liabilities; this last account including local debentures issued by municipalities to finance ornamental street-lighting systems as local improvements.

The reserves for depreciation, and the acquired equity in the Hydro-Electric Power Commission system, are also listed separately and totalled; and under the heading "surplus" are included not only the free operating profit but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The "depreciation reserve" now amounts to 18.56 per cent. of the total depreciable plant, while the "depreciation reserve" and "surplus" combined have already reached the sum of \$37,685,466.19, approximating 53.6 per cent. of the total plant cost.

Statement "B" shows detailed operating reports for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure; the amount of the annual surpluses and the sums set aside for depreciation. The population served by each local utility, and the number of consumers of each class, are also shown.

The item "power purchased" includes the annual adjustment made by the Commission, and hence shows for the calendar year the actual cost to the municipal electrical utility and not the cost at the interim billed rates.

Of the 255 municipal electrical utilities included in this statement, 230 had revenue from consumers sufficient to meet all operating expenses and fixed charges and to yield an aggregate operating surplus of \$2,031,029.96, for the year; 11 were able to defray all operating and fixed charges except depreciation, but failed to set aside the full theoretical amounts for that reserve by \$4,340.52, only 14 had gross deficits in respect of operating expenses and fixed charges other than depreciation, aggregating \$4,735.86. The net surplus for all "Hydro" utilities was \$2,016,451.58 for the year.

Statement "C" shows the installation of street lights in each municipality together with the rates set by this Commission, the revenue for 1928, and the cost per capita in each municipality.

Statement "D" presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers, the average horsepower supplied by the municipal utility* and the average cost per horsepower per year. For further reference to this informative statement, consult the special introduction to it on page 354.

Statement "E" presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1928, for domestic service, for commercial light service and for power service.

*The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.

CONSOLIDATED

| YEAR..... | 1913 | 1914 | 1915 |
|--|---------------|---------------|---------------|
| Number of municipalities included..... | 45 | 69 | 99 |
| ASSETS | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 626,707.34 | 791,732.20 | 873,838.18 |
| Substation equipment..... | 1,090,875.69 | 1,476,087.84 | 1,582,062.56 |
| Distribution system—overhead..... | 2,690,834.74 | 3,422,763.93 | 4,234,626.05 |
| Distribution system—underground..... | 644,514.24 | 807,153.53 | 928,420.77 |
| Line transformers..... | 615,546.20 | 787,613.52 | 981,754.70 |
| Meters..... | 840,606.64 | 1,172,475.11 | 1,418,165.08 |
| Street lighting equipment—regular..... | 900,614.80 | 1,071,255.37 | 1,309,628.49 |
| Street lighting equipment—ornamental..... | 62,765.34 | 270,386.55 | 197,644.82 |
| Miscellaneous construction expenses..... | 866,551.89 | 2,062,035.90 | 1,701,182.66 |
| Steam or hydraulic plant..... | 1,401,175.28 | 420,108.33 | 461,651.60 |
| Old plant..... | 341,277.00 | 619,513.12 | 1,184,372.86 |
| Total plant..... | 10,081,469.16 | 12,901,125.40 | 14,873,347.77 |
| Bank and cash balance..... | 450,887.97 | 422,350.12 | 284,653.96 |
| Securities and investments..... | | | |
| Accounts receivable..... | 344,487.95 | 561,873.08 | 602,920.69 |
| Inventories..... | 540,274.58 | 615,226.76 | 726,556.76 |
| Sinking fund on local debentures..... | 431,747.27 | 625,217.03 | 868,983.78 |
| Equity in Hydro systems..... | | | |
| Other assets..... | 58,959.93 | 123,410.97 | 326,801.11 |
| Total assets..... | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| LIABILITIES | | | |
| Debenture balance..... | 8,711,308.37 | 10,678,078.36 | 11,831,811.03 |
| Accounts payable..... | 1,553,711.45 | 1,682,150.29 | 2,040,038.01 |
| Bank overdraft..... | 160,919.16 | 228,622.50 | 292,106.44 |
| Other liabilities..... | 42,412.81 | 113,838.66 | 37,388.31 |
| Total liabilities..... | 10,468,351.79 | 12,702,689.81 | 14,201,343.79 |
| RESERVES | | | |
| For equity in H.E.P.C. system..... | | | |
| For depreciation..... | 478,145.88 | 850,618.07 | 1,337,739.73 |
| Other reserves..... | | | |
| Total reserves..... | 478,145.88 | 850,618.07 | 1,337,739.73 |
| SURPLUS | | | |
| Debentures paid..... | 202,751.26 | 320,129.10 | 394,466.22 |
| Local sinking fund..... | 431,747.27 | 625,217.03 | 868,983.78 |
| Additional operating surplus..... | 326,830.66 | 750,549.35 | 880,730.55 |
| Total surplus..... | 961,329.19 | 1,695,895.48 | 2,144,180.55 |
| Total liabilities, reserves and surplus..... | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| Percentage of net debt to total assets.... | 88 | 88.3 | 80.3 |

NOTE.—In computing the percentage of net debt to total assets the sinking fund on local debentures and equity in "Hydro" systems are excluded from assets, and total liabilities are reduced by amount of local sinking fund.

BALANCE SHEET

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---------------|---------------|---------------|---------------|---------------|
| 128 | 143 | 166 | 191 | 195 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,335,936.33 | 1,546,241.41 | 1,859,888.69 | 1,995,545.83 | 2,175,568.24 |
| 1,934,626.12 | 2,471,293.82 | 2,820,448.70 | 2,915,125.56 | 3,231,050.80 |
| 4,832,353.27 | 6,080,073.42 | 6,627,237.39 | 7,445,820.31 | 8,579,881.49 |
| 1,095,709.62 | 1,157,059.90 | 1,216,288.59 | 1,206,296.88 | 1,313,369.29 |
| 1,179,132.07 | 1,483,839.44 | 1,772,691.35 | 2,073,114.45 | 2,560,581.59 |
| 1,711,299.49 | 1,999,095.48 | 2,238,143.70 | 2,587,566.32 | 3,053,135.20 |
| 1,251,057.13 | 1,237,734.69 | 1,200,625.65 | 1,206,638.71 | 1,269,006.98 |
| 306,388.95 | 361,975.74 | 531,502.61 | 546,497.68 | 557,678.13 |
| 2,059,263.42 | 2,184,015.84 | 2,395,096.50 | 2,430,101.08 | 2,697,636.12 |
| 864,500.01 | 896,753.20 | 214,575.75 | 986,200.57 | 757,194.47 |
| 759,748.66 | 649,852.51 | 1,476,413.00 | 805,959.89 | 864,298.39 |
| 17,330,015.07 | 20,077,935.45 | 22,352,951.93 | 24,298,866.28 | 27,059,400.70 |
| 1,061,029.90 | 340,026.50 | 391,194.91 | 462,437.23 | 943,858.12 |
| 695,152.23 | 1,285,097.33 | 1,124,018.44 | 627,076.53 | 341,855.88 |
| 764,504.59 | 1,261,398.36 | 972,996.96 | 1,921,166.69 | 2,022,538.88 |
| 1,166,017.73 | 1,337,578.96 | 1,663,298.05 | 1,032,569.75 | 1,400,671.89 |
| 342,215.87 | 125,240.05 | 444,787.63 | 1,925,455.77 | 2,244,004.34 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 369,071.89 | 577,584.06 |
| | | | 86,216.05 | 25,447.07 |
| | | | | |
| 15,058,641.57 | 15,593,773.61 | 17,209,217.70 | 30,722,860.19 | 34,615,360.94 |
| 969,187.75 | 1,537,669.11 | 1,007,727.79 | | |
| 178,413.26 | 886,177.94 | 576,816.49 | 18,133,462.44 | 19,268,072.04 |
| 491,874.90 | 429,104.20 | 350,013.21 | 1,420,926.66 | 1,840,137.54 |
| | | | 403,235.57 | 514,671.99 |
| | | | 670,271.90 | 642,293.65 |
| 16,698,117.48 | 18,446,724.86 | 19,143,775.19 | 20,627,896.57 | 22,265,175.22 |
| | | | | |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 373,871.89 | 577,584.06 |
| | | | 3,750,162.28 | 4,788,645.03 |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 4,124,034.17 | 5,366,299.09 |
| | | | | |
| 549,778.59 | 694,797.90 | 920,076.56 | 1,328,657.68 | 1,440,157.52 |
| 1,165,785.94 | 1,340,615.38 | 1,662,602.69 | 1,754,020.37 | 2,246,474.47 |
| 1,101,448.70 | 1,481,414.68 | 2,089,243.31 | 2,888,251.40 | 3,297,325.64 |
| 2,817,013.23 | 3,516,827.96 | 4,671,922.56 | 5,970,929.45 | 6,983,956.63 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 30,722,860.19 | 34,615,360.94 |
| 78.4 | 75.5 | 71.0 | 67.9 | 65.4 |

CONSOLIDATED

| YEAR..... | 1921 | 1922 | 1923 |
|--|---------------|---------------|---------------|
| Number of municipalities included..... | 215 | 226 | 235 |
| ASSETS | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 3,230,985.63 | 3,334,552.68 | 4,488,054.93 |
| Substation equipment..... | 5,403,689.90 | 5,046,857.98 | 6,015,919.75 |
| Distribution system—overhead..... | 8,397,361.48 | 11,165,330.24 | 13,135,581.76 |
| Distribution system—underground..... | 1,401,135.97 | 1,598,053.02 | 1,959,120.41 |
| Line transformers..... | 3,077,649.83 | 3,618,684.73 | 4,211,655.89 |
| Meters..... | 3,552,076.79 | 4,033,689.52 | 4,548,933.73 |
| Street lighting equipment—regular..... | 1,335,997.13 | 1,419,016.05 | 1,061,473.85 |
| Street lighting equipment—ornamental..... | 610,586.70 | 666,084.50 | 708,431.22 |
| Miscellaneous construction expenses..... | 3,030,134.16 | 3,261,495.74 | 3,681,274.88 |
| Steam or hydraulic plant..... | 704,848.46 | 565,158.54 | 566,619.86 |
| Old plant..... | 912,388.55 | 7,997,947.87 | 8,051,496.28 |
| Total plant..... | 31,565,854.60 | 42,706,840.87 | 48,428,562.56 |
| Bank and cash balance..... | 900,842.34 | 1,164,336.24 | 1,276,140.06 |
| Securities and investments..... | 556,608.53 | 443,938.18 | 1,153,424.47 |
| Accounts receivable..... | 2,148,287.05 | 3,874,317.14 | 3,198,769.34 |
| Inventories..... | 1,504,596.28 | 1,738,795.96 | 1,819,711.62 |
| Sinking fund on local debentures..... | 2,541,618.35 | 3,416,231.45 | 3,896,261.28 |
| Equity in Hydro systems..... | 795,570.51 | 1,543,434.12 | 2,929,603.94 |
| Other assets..... | 78,929.84 | 238,940.13 | 190,071.63 |
| Total assets..... | 40,111,979.23 | 55,126,834.09 | 62,892,544.90 |
| LIABILITIES | | | |
| Debenture balance..... | 21,619,220.99 | 30,454,186.12 | 33,056,501.29 |
| Accounts payable..... | 1,887,567.93 | 3,669,292.52 | 3,708,781.76 |
| Bank overdraft..... | 989,099.98 | 456,706.69 | 680,814.59 |
| Other liabilities..... | 938,368.84 | 586,203.02 | 1,517,828.47 |
| Total liabilities..... | 25,434,257.74 | 35,196,388.35 | 38,963,826.11 |
| RESERVES | | | |
| For equity in H.E.P.C. system..... | 800,249.05 | 1,543,434.12 | 2,929,603.94 |
| For depreciation..... | 5,491,858.93 | 6,512,813.92 | 7,328,858.69 |
| Other reserves..... | | | |
| Total reserves..... | 6,292,107.98 | 8,056,248.04 | 10,258,462.63 |
| SURPLUS | | | |
| Debentures paid..... | 1,860,079.53 | 3,104,591.15 | 2,852,038.38 |
| Local sinking fund..... | 2,541,618.35 | 3,416,231.45 | 3,896,261.28 |
| Additional operating surplus..... | 3,983,815.63 | 5,353,375.10 | 6,921,956.50 |
| Total surplus..... | 8,385,613.51 | 11,874,197.70 | 13,670,256.16 |
| Total liabilities, reserves and surplus..... | 40,111,979.23 | 55,126,834.09 | 62,892,544.90 |
| Percentage of net debt to total assets..... | 64.7 | 63.3 | 62.6 |

BALANCE SHEET—Concluded

| 1924 | 1925 | 1926 | 1927 | 1928 |
|---|---|---|--|--|
| 248 | 247 | 251 | 252 | 256 |
| <div>\$ c.</div> <div>4,561,648.92</div> <div>6,800,238.00</div> <div>14,182,190.33</div> <div>2,873,446.13</div> <div>4,456,669.02</div> <div>5,149,629.71</div> <div>1,134,491.77</div> <div>728,298.08</div> <div>4,168,262.21</div> <div>4,196,803.45</div> <div>5,587,420.31</div> | <div>\$ c.</div> <div>5,768,855.99</div> <div>8,543,166.55</div> <div>16,837,535.57</div> <div>3,388,837.09</div> <div>5,079,754.23</div> <div>5,533,483.92</div> <div>1,256,916.53</div> <div>893,186.48</div> <div>4,485,110.96</div> <div>568,912.49</div> <div>4,549,142.46</div> | <div>\$ c.</div> <div>6,111,162.54</div> <div>9,505,501.77</div> <div>18,654,240.54</div> <div>3,689,569.95</div> <div>5,538,605.24</div> <div>5,963,162.51</div> <div>1,309,608.30</div> <div>1,103,660.23</div> <div>3,456,777.71</div> <div>628,909.57</div> <div>4,655,422.59</div> | <div>\$ c.</div> <div>6,486,426.89</div> <div>15,088,905.14</div> <div>16,689,462.41</div> <div>3,278,382.58</div> <div>5,985,521.37</div> <div>6,346,660.59</div> <div>1,399,314.06</div> <div>1,184,035.82</div> <div>3,360,671.09</div> <div>607,320.00</div> <div>5,095,555.90</div> | <div>\$ c.</div> <div>7,024,646.76</div> <div>16,866,186.21</div> <div>17,688,050.68</div> <div>3,559,288.16</div> <div>6,549,674.64</div> <div>6,839,802.90</div> <div>1,486,646.24</div> <div>1,203,706.65</div> <div>3,394,626.92</div> <div>619,880.93</div> <div>5,032,089.26</div> |
| 53,839,097.93 | 56,904,902.27 | 60,616,620.95 | 65,522,255.85 | 70,264,599.35 |
| <div>1,748,912.34</div> <div>1,329,622.58</div> <div>3,898,751.89</div> <div>1,745,628.16</div> <div>4,520,723.06</div> <div>5,420,567.58</div> <div>250,292.77</div> | <div>1,700,145.30</div> <div>1,095,662.92</div> <div>3,417,558.86</div> <div>1,711,504.13</div> <div>5,202,451.70</div> <div>7,551,588.70</div> <div>137,280.05</div> | <div>2,136,290.79</div> <div>1,400,316.43</div> <div>3,508,817.87</div> <div>1,397,667.83</div> <div>5,599,675.01</div> <div>8,046,868.53</div> <div>33,151.81</div> | <div>3,014,832.48</div> <div>1,696,237.66</div> <div>3,715,770.72</div> <div>1,412,729.41</div> <div>6,398,909.77</div> <div>10,143,205.66</div> <div>31,942.45</div> | <div>1,342,367.07</div> <div>1,837,140.51</div> <div>4,097,446.13</div> <div>1,220,186.10</div> <div>7,071,273.69</div> <div>12,326,097.56</div> <div>153,275.04</div> |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| <div>38,005,162.50</div> <div>3,117,224.08</div> <div>162,100.71</div> <div>1,780,564.27</div> | <div>37,919,225.01</div> <div>3,139,067.92</div> <div>226,147.82</div> <div>1,075,914.83</div> | <div>39,602,533.48</div> <div>3,118,684.78</div> <div>163,725.53</div> <div>1,087,795.08</div> | <div>42,891,361.57</div> <div>2,988,621.90</div> <div>252,362.52</div> <div>1,154,810.24</div> | <div>42,597,175.78</div> <div>3,074,634.25</div> <div>253,143.81</div> <div>1,258,610.23</div> |
| 43,065,051.56 | 42,360,355.58 | 43,972,738.87 | 47,287,156.23 | 47,183,564.07 |
| <div>5,420,567.58</div> <div>8,097,834.68</div> <div>.....</div> | <div>7,551,588.70</div> <div>8,699,437.68</div> <div>1,157,147.20</div> | <div>8,046,868.53</div> <div>9,360,322.27</div> <div>947,970.23</div> | <div>10,143,205.66</div> <div>10,319,889.05</div> <div>1,002,916.69</div> | <div>12,326,097.56</div> <div>11,140,795.68</div> <div>1,117,257.63</div> |
| 13,518,402.26 | 17,408,173.58 | 18,355,161.03 | 21,466,011.40 | 24,584,150.87 |
| <div>3,530,610.35</div> <div>4,520,723.06</div> <div>8,118,809.08</div> | <div>4,440,138.34</div> <div>5,202,451.70</div> <div>8,309,074.73</div> | <div>5,493,879.83</div> <div>5,599,675.01</div> <div>9,317,954.48</div> | <div>6,648,767.38</div> <div>6,398,909.77</div> <div>10,135,039.22</div> | <div>7,928,907.61</div> <div>7,071,273.69</div> <div>11,544,489.21</div> |
| 16,170,142.49 | 17,952,564.77 | 20,411,509.32 | 23,182,716.37 | 26,544,670.51 |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| 61.4 | 57.2 | 55.5 | 54.2 | 50.8 |

CONSOLIDATED

| YEAR..... | 1912 | 1913 | 1914 | 1915 |
|--|--------------|--------------|--------------|--------------|
| Number of municipalities included..... | 28 | 45 | 69 | 99 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | | 572,154.38 | 789,130.81 | 944,271.08 |
| Commercial light..... | | 525,438.16 | 673,803.92 | 720,209.26 |
| Commercial power..... | | 905,378.17 | 1,214,829.31 | 1,501,797.78 |
| Municipal power..... | | | | |
| Street lighting..... | | 560,925.56 | 698,409.71 | 835,970.87 |
| Rural service..... | | | | |
| Miscellaneous..... | | 53,543.24 | 57,482.41 | 68,046.29 |
| Total earnings..... | 1,617,674.00 | 2,617,439.51 | 3,433,656.16 | 4,070,295.28 |
| EXPENSES | | | | |
| Power purchased..... | | 789,632.87 | 1,045,752.65 | 1,485,614.72 |
| Substation operation..... | | 78,394.81 | 97,658.90 | 107,607.31 |
| Substation maintenance..... | | 18,698.46 | 31,790.99 | 25,935.56 |
| Distribution system, operation and maintenance..... | | 104,114.51 | 130,998.65 | 154,409.71 |
| Line transformer maintenance..... | | 8,547.61 | 11,764.32 | 11,508.92 |
| Meter maintenance..... | | 5,222.19 | 9,536.07 | 12,899.14 |
| Consumers' premises expenses..... | | 53,108.38 | 65,192.23 | 47,494.26 |
| Street lighting, operation and maintenance..... | | 84,903.76 | 113,047.80 | 136,983.38 |
| Promotion of business..... | | 72,303.51 | 86,683.02 | 74,402.55 |
| Billing and collecting..... | | 77,351.76 | 103,560.71 | 131,541.27 |
| General office, salaries and expenses..... | | 154,932.69 | 230,899.75 | 236,777.86 |
| Undistributed expense..... | | 65,423.64 | 89,350.91 | 129,209.15 |
| Interest..... | | 528,549.21 | 662,092.34 | 817,978.89 |
| Sinking fund and principal payments on debentures..... | | * | * | * |
| Total expenses..... | 1,377,168.00 | 2,041,183.40 | 2,678,328.34 | 3,371,414.00 |
| Surplus..... | 240,506.00 | 576,256.11 | 755,327.82 | 698,881.28 |
| Depreciation charge..... | 124,992.47 | 262,675.24 | 357,883.31 | 414,506.99 |
| Surplus less depreciation..... | 115,513.53 | 313,580.87 | 397,444.51 | 284,374.29 |

*Debenture payments included in "Interest."

OPERATING REPORT

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---|--|--|--|---|
| 128 | 143 | 166 | 181 | 186 |
| \$ c. 1,172,878.96 812,130.78 1,921,152.31 930,057.48 147,381.50 4,983,601.03 | \$ c. 1,417,460.31 899,023.72 2,665,280.65 967,495.10 120,805.39 6,070,065.17 | \$ c. 1,632,272.12 968,399.42 3,417,248.37 902,875.55 161,243.70 7,082,039.16 | \$ c. 1,991,632.31 1,175,143.56 3,443,107.13 988,900.95 228,270.65 7,827,054.60 | \$ c. 2,546,345.30 1,512,854.63 3,752,188.22 532,279.09 1,005,535.11 168,919.95 189,778.63 9,707,900.93 |
| 1,959,446.83 153,761.08 46,131.53 154,247.17 14,528.17 24,218.48 52,602.01 145,471.50 79,324.85 154,508.58 306,709.35 97,333.97 951,781.99 * 4,140,065.51 | 2,563,880.17 203,091.20 42,129.04 169,326.24 25,328.95 44,461.55 61,765.14 157,857.73 73,516.37 188,083.84 349,932.05 102,938.80 1,085,180.80 * 5,077,491.08 | 2,807,769.33 238,257.34 60,805.92 223,347.81 30,488.83 63,155.56 65,149.59 196,157.18 64,962.78 208,660.76 421,680.15 117,474.07 1,238,425.53 * 5,736,334.85 | 3,284,490.68 217,638.89 81,853.63 286,310.76 42,509.12 78,726.64 84,301.24 215,963.86 77,789.22 236,504.75 452,131.22 190,690.09 1,285,571.51 * 6,531,481.61 | 4,216,667.87 285,407.35 102,050.81 344,551.57 46,323.09 123,701.18 116,283.52 236,930.79 78,294.85 295,942.88 559,695.29 256,400.33 1,431,807.16 * 8,094,056.69 |
| 843,535.52 486,141.80 357,393.72 | 992,574.09 607,296.29 385,367.80 | 1,345,704.31 718,162.30 627,542.01 | 1,295,572.99 814,219.37 481,353.62 | 1,613,844.24 902,028.75 711,815.49 |

*Debenture payments included in "Interest."

CONSOLIDATED OPERATING

| YEAR..... | 1921 | 1922 | 1923 |
|--|---------------|---------------|---------------|
| Number of municipalities included..... | 205 | 214 | 224 |
| EARNINGS | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,149,080.03 | 3,786,608.23 | 5,166,452.24 |
| Commercial light..... | 1,851,501.76 | 2,158,306.34 | 3,260,772.50 |
| Commercial power..... | 3,895,437.46 | 4,383,912.97 | 5,927,666.37 |
| Municipal power..... | 654,531.01 | 973,263.38 | 1,161,598.60 |
| Street lighting..... | 1,060,357.77 | 1,160,446.81 | 1,269,604.48 |
| Rural service..... | 145,566.57 | 105,877.09 | 116,639.06 |
| Miscellaneous..... | 225,467.70 | 187,689.39 | 316,311.21 |
| Total earnings..... | 10,981,942.30 | 12,756,104.21 | 17,219,044.46 |
| EXPENSES | | | |
| Power purchased..... | 4,876,650.31 | 6,636,853.37 | 8,699,026.67 |
| Substation operation..... | 314,838.35 | 315,443.70 | 474,442.13 |
| Substation maintenance..... | 104,798.01 | 100,763.67 | 133,815.53 |
| Distribution system, operation and maintenance..... | 487,918.33 | 519,252.16 | 636,477.41 |
| Line transformer maintenance..... | 65,088.46 | 52,932.26 | 75,920.10 |
| Meter maintenance..... | 116,722.97 | 107,806.88 | 139,104.81 |
| Consumers' premises expenses..... | 134,854.92 | 143,388.88 | 218,682.02 |
| Street lighting, operation and maintenance..... | 297,481.52 | 297,363.86 | 299,579.08 |
| Promotion of business..... | 101,804.46 | 129,932.63 | 184,371.00 |
| Billing and collecting..... | 321,685.71 | 338,153.50 | 444,306.92 |
| General office, salaries and expenses..... | 656,268.11 | 605,852.50 | 937,463.47 |
| Undistributed expense..... | 308,874.42 | 385,895.03 | 359,206.91 |
| Interest..... | 998,611.47 | 1,074,657.44 | 1,615,205.16 |
| Sinking fund and principal payments on debentures..... | 532,183.96 | 635,469.90 | 990,907.14 |
| Total expenses..... | 9,317,781.00 | 11,343,765.78 | 15,208,508.35 |
| Surplus..... | 1,664,161.30 | 1,412,338.43 | 2,010,536.11 |
| Depreciation charge..... | 1,044,434.85 | 715,814.24 | 916,782.75 |
| Surplus less depreciation..... | 619,726.45 | 696,524.19 | 1,093,753.36 |

REPORT—Concluded

| 1924 | 1925 | 1926 | 1927 | 1928 |
|---|--|--|--|--|
| 241 | 242 | 248 | 251 | 255 |
| \$ c. 5,993,231.07 3,566,227.22 6,222,865.88 1,352,966.47 1,356,668.97 75,100.24 231,663.58 | \$ c. 6,439,159.86 3,866,292.79 6,568,854.77 1,923,093.09 1,415,382.22 37,975.18 286,451.08 | \$ c. 7,372,602.62 4,187,899.19 6,789,217.54 1,922,512.34 1,457,686.21 37,810.73 471,134.15 | \$ c. 8,189,866.89 4,626,815.51 7,342,173.20 1,913,502.88 1,489,242.37 13,765.72 581,913.04 | \$ c. 8,925,050.56 5,182,723.32 8,298,669.44 1,921,300.97 1,534,476.98 48,451.90* 465,791.92 |
| 18,798,723.43 | 20,537,208.99 | 22,238,862.78 | 24,157,279.61 | 26,376,465.09 |
| 9,669,789.40 430,056.09 202,050.04 648,700.62 82,936.50 141,231.23 237,316.20 269,973.30 202,060.74 490,273.30 889,907.66 494,078.50 1,779,991.26 1,122,798.87 | 11,063,123.34 417,921.71 207,497.63 686,344.54 75,473.28 156,909.55 252,808.47 275,316.60 217,102.24 521,134.01 891,640.29 520,584.58 1,889,810.95 1,294,027.29 | 12,185,669.10 450,416.84 286,520.37 795,514.70 74,876.11 189,603.70 275,020.62 295,869.37 234,696.74 557,271.54 786,742.60 460,288.30 1,985,233.73 1,347,511.92 | 13,505,583.77 430,211.76 275,148.86 758,747.10 94,706.38 214,813.87 285,352.68 318,395.79 220,687.60 605,627.58 824,868.90 531,003.80 2,063,698.00 1,505,626.31 | 14,688,570.08 420,512.48 247,647.88 736,159.85 88,676.18 218,530.96 291,333.03 329,597.16 249,842.01 638,797.02 844,578.55 542,755.34 2,111,049.49 1,601,711.32 |
| 16,661,163.71 | 18,469,694.48 | 19,925,235.64 | 21,634,472.40 | 23,009,761.35 |
| 2,137,559.72 973,649.62 | 2,067,514.51 1,068,880.42 | 2,313,627.14 1,146,273.05 | 2,522,807.21 1,249,711.65 | 3,366,703.74 1,350,252.16 |
| 1,163,910.10 | 998,634.09 | 1,167,354.09 | 1,273,095.56 | 2,016,451.58 |

*Profits from the sale of merchandise. There is no rural revenue now.

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM**

| Municipality..... | Acton | Agincourt P.V. | Ailsa Craig 509 | Alvinston | Amherst- burg 3,000 |
|---|--------------|-------------------|-----------------------|--------------|---------------------------|
| Population..... | 1,870 | | | 626 | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 1,545.45 | | | 133.56 | 1,488.32 |
| Substation equipment..... | 1,847.39 | | | | 932.00 |
| Distribution system—overhead... | 17,182.56 | 8,032.11 | 8,012.55 | 14,074.12 | 25,276.90 |
| Distribution system—underground | | | | | |
| Line transformers..... | 10,503.48 | 2,646.25 | 3,035.95 | 3,042.21 | 11,943.82 |
| Meters..... | 8,351.38 | 1,983.84 | 2,241.48 | 3,067.38 | 14,004.70 |
| Street light equipment, regular... | 1,288.18 | 705.99 | 404.09 | 1,090.62 | 812.44 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 2,210.34 | | 503.36 | 758.68 | 855.29 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 3,481.50 | | | 773.85 | |
| Total plant..... | 46,410.28 | 13,368.19 | 14,197.43 | 22,940.42 | 55,313.47 |
| Bank and cash balance..... | 5,421.44 | 841.38 | 2,441.54 | 72.90 | 11,407.61 |
| Securities and investments..... | 1,500.00 | 1,000.00 | 3,000.00 | 2,000.00 | |
| Accounts receivable..... | 1,934.15 | 103.84 | 964.20 | 80.91 | 2,459.64 |
| Inventories..... | 1,737.69 | | | | |
| Sinking fund on local debentures... | | | | | |
| Equity in Hydro systems..... | 17,120.40 | 1,800.74 | 5,604.13 | 4,741.41 | 12,644.62 |
| Other assets..... | | | | | |
| Total assets..... | 74,123.96 | 17,114.15 | 26,207.30 | 29,835.64 | 81,825.34 |
| Deficit..... | | | | 1,385.49 | |
| Total..... | 74,123.96 | 17,114.15 | 26,207.30 | 31,221.13 | 81,825.34 |
| LIABILITIES | | | | | |
| Debenture balance..... | 2,932.03 | 5,940.69 | 2,730.83 | 17,173.43 | 31,055.13 |
| Accounts payable..... | | 407.74 | 700.00 | 260.57 | 1,817.60 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 269.29 | | | | 1,534.04 |
| Total liabilities..... | 3,201.32 | 6,348.43 | 3,430.83 | 17,434.00 | 34,406.77 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 17,120.40 | 1,800.74 | 5,604.13 | 4,741.41 | 12,644.62 |
| For depreciation..... | 9,059.49 | 954.55 | 4,135.86 | 2,689.91 | 10,056.84 |
| Other reserves..... | | | | | |
| Total reserves..... | 26,179.89 | 2,755.29 | 9,739.99 | 7,431.32 | 22,701.46 |
| SURPLUS | | | | | |
| Debentures paid..... | 11,567.97 | 2,131.96 | 1,504.14 | 6,355.81 | 998.47 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 33,174.78 | 5,878.47 | 11,532.34 | | 23,718.64 |
| Total surplus..... | 44,742.75 | 8,010.43 | 13,036.48 | 6,355.81 | 24,717.11 |
| Total liabilities, reserves and surplus | 74,123.96 | 17,114.15 | 26,207.30 | 31,221.13 | 81,825.34 |
| Percentage of net debt to total assets | 5.6 | 41.4 | 16.6 | 69.4 | 49.7 |

“A”

Hydro Municipalities as at December 31, 1928

| Ancaster Twp. 4,213 | Arkona 386 | Aylmer 2,168 | Ayr 796 | Baden P.V. | Barton Twp. 7,782 | Beachville P.V. | Belle River 774 |
|---------------------------|---------------|-----------------|------------|---------------|-------------------------|--------------------|-----------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | ..... | 9,019.23 | 125.00 | 660.64 | ..... | 176.13 | ..... |
| 21,406.82 | 8,685.79 | 20,113.78 | 11,403.73 | 6,549.50 | 33,795.54 | 12,663.90 | 14,292.52 |
| 8,161.05 | 1,282.42 | 8,274.60 | 3,726.67 | 3,383.39 | 6,921.71 | 2,133.94 | 2,720.80 |
| 8,046.96 | 1,525.09 | 8,469.81 | 3,279.35 | 2,528.91 | 6,966.80 | 2,773.20 | 2,968.34 |
| 1,064.51 | 671.60 | 1,417.71 | 575.65 | 447.45 | 409.75 | 410.35 | 924.29 |
| 1,511.21 | 208.57 | 1,194.54 | 904.79 | ..... | 1,492.88 | 652.04 | 962.78 |
| ..... | 1,529.65 | 6,719.17 | 4,002.53 | ..... | ..... | ..... | ..... |
| 40,190.55 | 13,903.12 | 55,208.84 | 24,017.72 | 13,569.89 | 49,586.68 | 18,809.56 | 21,868.73 |
| 5,775.03 | ..... | 1,946.17 | ..... | 2,792.00 | 21,176.15 | 3,382.99 | 3,575.54 |
| ..... | ..... | 12,000.00 | ..... | ..... | ..... | 7,000.00 | ..... |
| 2,537.18 | 549.38 | 2,786.81 | 381.06 | 1,121.06 | 47,545.51 | 381.31 | 1,463.66 |
| ..... | ..... | 27.84 | ..... | ..... | 25.00 | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | 5,621.30 | ..... | ..... |
| 5,522.31 | 751.50 | 11,300.89 | 4,115.05 | 11,569.83 | 9,626.32 | 14,434.87 | 2,194.10 |
| 2,371.41 | ..... | ..... | 660.91 | ..... | ..... | ..... | ..... |
| 56,396.48 | 15,204.00 | 83,270.55 | 29,174.74 | 29,052.78 | 133,580.96 | 44,008.73 | 29,102.03 |
| ..... | 854.98 | ..... | ..... | ..... | ..... | ..... | ..... |
| 56,396.48 | 16,058.98 | 83,270.55 | 29,174.74 | 29,052.78 | 133,580.96 | 44,008.73 | 29,102.03 |
| 14,528.98 | 12,273.44 | 25,976.97 | 3,395.25 | 3,055.32 | 84,690.91 | 3,301.53 | 7,197.46 |
| 382.64 | 1,854.64 | ..... | 4,000.00 | 960.62 | 5,279.86 | ..... | 100.00 |
| ..... | 95.01 | ..... | 670.67 | ..... | ..... | ..... | ..... |
| ..... | ..... | 35.00 | ..... | ..... | 2,234.60 | ..... | ..... |
| 14,911.62 | 14,223.09 | 26,011.97 | 8,065.92 | 4,015.94 | 92,205.37 | 3,301.53 | 7,297.46 |
| 5,522.31 | 751.50 | 11,300.89 | 4,115.05 | 11,569.83 | 9,626.32 | 14,434.87 | 2,194.10 |
| 6,977.35 | 245.00 | 6,167.11 | 2,088.96 | 1,031.19 | 6,195.44 | 3,539.39 | 1,875.93 |
| 2,371.41 | ..... | ..... | ..... | ..... | ..... | ..... | 5,000.00 |
| 14,871.07 | 996.50 | 17,468.00 | 6,204.01 | 12,601.02 | 15,821.76 | 17,974.26 | 9,070.03 |
| 2,471.02 | 839.39 | 12,724.95 | 9,108.13 | 1,944.68 | 18,731.75 | 2,051.47 | 1,302.54 |
| ..... | ..... | ..... | ..... | ..... | 5,621.30 | ..... | ..... |
| 24,142.77 | ..... | 27,065.63 | 5,796.68 | 10,491.14 | 1,200.78 | 20,681.47 | 11,432.00 |
| 26,613.79 | 839.39 | 39,790.58 | 14,904.81 | 12,435.82 | 25,553.83 | 22,732.94 | 12,734.54 |
| 56,396.48 | 16,058.98 | 83,270.55 | 29,174.74 | 29,052.78 | 133,580.96 | 44,008.73 | 29,102.03 |
| 29.3 | 98.4 | 36.1 | 32.1 | 22.9 | * | 11.1 | 27.1 |

*In process of annexation.

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Blenheim | Blyth | Bolton | Bothwell | Brampton |
|---|-----------|-----------|-----------|-----------|------------|
| Population..... | 1,547 | 624 | 600 | 630 | 4,897 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | | 5,077.02 |
| Substation equipment..... | 909.64 | | | | 24,701.45 |
| Distribution system, overhead... | 20,282.52 | 10,283.67 | 8,842.84 | 5,887.97 | 45,337.34 |
| Distribution system, underground | | | | | |
| Line transformers..... | 7,928.90 | 2,206.35 | 3,407.44 | 2,229.63 | 21,205.03 |
| Meters..... | 8,738.14 | 1,427.33 | 2,577.30 | 2,752.27 | 22,566.81 |
| Street light equipment, regular... | 1,785.57 | 1,284.19 | 567.79 | 459.44 | 2,474.47 |
| Street light equipment, ornamental | 1,482.97 | | | 4,431.19 | |
| Misc. construction expense..... | 1,406.99 | 254.58 | 1,043.38 | 528.56 | 17,769.41 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 2,332.68 | 1,554.60 | | |
| Total plant..... | 42,534.73 | 17,788.80 | 17,993.35 | 16,289.06 | 139,131.53 |
| Bank and cash balance..... | 1,236.12 | 766.48 | 1,422.77 | 7,465.04 | 368.67 |
| Securities and investments..... | | | 2,000.00 | 5,000.00 | 18,171.77 |
| Accounts receivable..... | 313.15 | 1,350.44 | 855.15 | 376.31 | 2,831.48 |
| Inventories..... | | | | | 247.19 |
| Sinking fund on local debentures... | | | | | |
| Equity in Hydro systems..... | 11,432.63 | 1,995.64 | 6,566.72 | 7,290.66 | 49,408.83 |
| Other assets..... | | | | | |
| Total assets..... | 55,516.63 | 21,901.36 | 28,837.99 | 36,421.07 | 210,159.47 |
| Deficit..... | | | | | |
| Total..... | 55,516.63 | 21,901.36 | 28,837.99 | 36,421.07 | 210,159.47 |
| LIABILITIES | | | | | |
| Debenture balance..... | 10,656.31 | 13,459.82 | 8,443.11 | 3,805.80 | 33,186.65 |
| Accounts payable..... | 1,035.11 | | 156.88 | 775.41 | 9,667.48 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 1,482.97 | | | 1,131.22 | |
| Total liabilities..... | 13,174.39 | 13,459.82 | 8,599.99 | 5,712.43 | 42,854.13 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 11,432.63 | 1,995.64 | 6,566.72 | 7,290.66 | 49,408.83 |
| For depreciation..... | 6,339.72 | 1,094.66 | 5,958.92 | 3,681.12 | 37,337.72 |
| Other reserves..... | | | | | |
| Total reserves..... | 17,772.35 | 3,090.30 | 12,525.64 | 10,971.78 | 86,746.55 |
| SURPLUS | | | | | |
| Debentures paid..... | 3,343.69 | 2,809.21 | 4,056.89 | 1,728.39 | 35,863.99 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 21,226.20 | 2,542.03 | 3,655.47 | 18,008.47 | 44,694.80 |
| Total surplus..... | 24,569.89 | 5,351.24 | 7,712.36 | 19,736.86 | 80,558.79 |
| Total liabilities, reserves and surplus | 55,516.63 | 21,901.36 | 28,837.99 | 36,421.07 | 210,159.47 |
| Percentage of net debt to total assets | 29.8 | 67.6 | 38.6 | 19.6 | 26.6 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Brantford 27,739 | Brantford Twp. 7,163 | Bridgeport P.V. | Brigden P.V. | Brussels 771 | Burford P.V. | Burgess- ville, P.V. | Caledonia 1,460 |
|---------------------|----------------------------|--------------------|-----------------|-----------------|-----------------|-------------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 71,283.10 | | | 101.03 | | 202.00 | | |
| 123,596.34 | 1,192.71 | | | | | | |
| 213,920.53 | 44,493.62 | 8,120.67 | 6,618.40 | 13,325.18 | 7,749.36 | 2,969.35 | 12,847.03 |
| 6,000.00 | | | | | | | |
| 106,761.14 | 13,614.89 | 3,332.50 | 1,907.10 | 2,395.35 | 1,967.06 | 1,099.80 | 4,146.96 |
| 104,073.97 | 9,870.53 | 1,915.10 | 2,144.05 | 3,155.38 | 2,990.91 | 784.14 | 4,656.93 |
| 22,862.36 | 3,331.24 | 1,312.83 | 249.45 | 1,568.00 | 425.14 | 188.39 | 1,362.79 |
| 38,797.27 | | | | | | | |
| 28,699.44 | 4,019.56 | 563.56 | 858.11 | 1,537.56 | 644.50 | 457.22 | 587.31 |
| | | | 1,381.00 | 2,827.50 | | | |
| 715,994.15 | 76,522.55 | 15,244.66 | 13,259.14 | 24,808.97 | 13,978.97 | 5,498.90 | 23,601.02 |
| 1,704.88 | 3,859.94 | 1,555.13 | 598.39 | 926.66 | 1,240.16 | 1,728.95 | 1,040.43 |
| | 2,394.65 | | | | 1,000.00 | | |
| 22,429.77 | 1,030.69 | 614.69 | 575.98 | 776.73 | 1,536.03 | 575.72 | 198.42 |
| 1,036.08 | | | | | | | |
| 137,095.24 | 1,884.89 | | | | | | |
| 249,124.27 | 5,701.36 | 324.44 | 3,691.87 | 3,000.58 | 4,060.00 | 1,605.81 | 6,135.21 |
| | | | | | | | |
| 1,127,384.39 | 91,394.08 | 17,738.92 | 18,125.38 | 29,512.94 | 21,815.16 | 9,409.38 | 30,975.08 |
| | | | | | | | |
| 1,127,384.39 | 91,394.08 | 17,738.92 | 18,125.38 | 29,512.94 | 21,815.16 | 9,409.38 | 30,975.08 |
| | | | | | | | |
| 404,250.00 | 37,937.12 | 11,914.39 | 2,120.12 | 17,638.67 | 2,321.57 | 1,702.37 | 2,854.13 |
| 23,504.03 | | 1,091.26 | 189.30 | 24.00 | | 305.15 | 129.83 |
| 1,826.50 | | | | | | | |
| 44,610.07 | 1,315.09 | | | | | | |
| | | | | | | | |
| 474,190.60 | 39,252.21 | 13,005.65 | 2,309.42 | 17,662.67 | 2,321.57 | 2,007.52 | 2,983.96 |
| | | | | | | | |
| 249,124.27 | 5,701.36 | 324.44 | 3,691.87 | 3,000.58 | 4,060.00 | 1,605.81 | 6,135.21 |
| 142,034.47 | 14,097.00 | 2,812.68 | 1,938.89 | 1,665.68 | 3,073.11 | 1,338.83 | 2,590.11 |
| 1,000.00 | | | | | | | |
| 392,158.74 | 19,798.36 | 3,137.12 | 5,630.76 | 4,666.26 | 7,133.11 | 2,944.64 | 8,725.32 |
| | | | | | | | |
| 75,750.00 | 19,188.54 | 453.64 | 5,879.88 | 3,361.33 | 6,678.43 | 1,797.63 | 1,769.87 |
| 137,095.24 | 1,884.89 | | | | | | |
| 48,189.81 | 11,270.08 | 1,142.51 | 4,305.32 | 3,822.68 | 5,682.05 | 2,659.59 | 17,495.93 |
| | | | | | | | |
| 261,035.05 | 32,343.51 | 1,596.15 | 10,185.20 | 7,184.01 | 12,360.48 | 4,457.22 | 19,265.80 |
| 1,127,384.39 | 91,394.08 | 17,738.92 | 18,125.38 | 29,512.94 | 21,815.16 | 9,409.38 | 30,975.08 |
| | | | | | | | |
| 45.4 | 45.8 | 74.6 | 16.0 | 66.6 | 13.0 | 25.7 | 12.0 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

| Municipality..... | Campbell- ville, P.V. | Cayuga | Chatham | Chippawa | Clifford |
|---|--------------------------|-----------|------------|-----------|-----------|
| Population..... | | 698 | 14,727 | 1,129 | 536 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 43.44 | 40,596.86 | | |
| Substation equipment..... | | | 73,054.70 | | |
| Distribution system, overhead... | 2,690.44 | 14,453.18 | 145,426.35 | 15,960.73 | 5,760.05 |
| Distribution system, underground | | | 9,907.28 | | |
| Line transformers..... | 408.11 | 2,809.06 | 68,252.48 | 4,362.31 | 787.64 |
| Meters..... | 430.14 | 1,963.47 | 64,061.10 | 3,757.39 | 1,653.72 |
| Street light equipment, regular... | 258.56 | 942.83 | 9,059.69 | 1,344.15 | 596.64 |
| Streetlight equipment, ornamental | | | 26,907.19 | | |
| Misc. construction expense..... | 6.82 | 353.31 | 27,731.38 | 935.32 | 37.44 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 43,001.95 | | |
| Total plant..... | 3,794.07 | 20,565.29 | 507,998.98 | 26,359.90 | 8,835.49 |
| Bank and cash balance..... | 248.59 | 246.39 | | 2,841.96 | 2,640.92 |
| Securities and investments..... | 1,500.00 | | 40,000.00 | | |
| Accounts receivable..... | 257.28 | 168.13 | 38,267.68 | 235.37 | 259.57 |
| Inventories..... | | 225.66 | 6,236.99 | | |
| Sinking fund on local debentures... | | | | | |
| Equity in Hydro systems..... | 288.60 | 1,968.78 | 121,413.54 | 5,225.68 | 1,360.21 |
| Other assets..... | | 50.00 | | | |
| Total assets..... | 6,088.54 | 23,224.25 | 713,917.19 | 34,662.91 | 13,096.19 |
| Deficit..... | | 828.59 | | | |
| Total..... | 6,088.54 | 24,052.84 | 713,917.19 | 34,662.91 | 13,096.19 |
| LIABILITIES | | | | | |
| Debenture balance..... | 4,741.85 | 17,509.34 | 204,207.78 | 9,730.37 | 7,510.42 |
| Accounts payable..... | | 374.06 | 16,478.01 | 48.61 | |
| Bank overdraft..... | | | 11,720.42 | | |
| Other liabilities..... | | | 28,651.31 | | |
| Total liabilities..... | 4,741.85 | 17,883.40 | 261,057.52 | 9,778.98 | 7,510.42 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 288.60 | 1,968.78 | 121,413.54 | 5,225.68 | 1,360.21 |
| For depreciation..... | 315.00 | 1,710.00 | 77,225.16 | 4,077.36 | 654.73 |
| Other reserves..... | | | 488.40 | | |
| Total reserves..... | 603.60 | 3,678.78 | 199,127.10 | 9,303.04 | 2,014.94 |
| SURPLUS | | | | | |
| Debentures paid..... | 705.92 | 2,490.66 | 65,792.22 | 3,619.63 | 489.58 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 37.17 | | 187,940.35 | 11,961.26 | 3,081.25 |
| Total surplus..... | 743.09 | 2,490.66 | 253,732.57 | 15,580.89 | 3,570.83 |
| Total liabilities, reserves and surplus | 6,088.54 | 24,052.84 | 713,917.19 | 34,662.91 | 13,096.19 |
| Percentage of net debt to total assets | 81.7 | 84.1 | 44.0 | 33.2 | 64.0 |

“A”—Continued

Hydro Municipalities as at December 31, 1928

| Clinton 1,981 | Comber P.V. | Cottam P.V. | Courtright 396 | Dashwood P.V. | Delaware P.V. | Dorchester P.V. | Drayton 593 |
|------------------|----------------|----------------|-------------------|------------------|------------------|--------------------|----------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,632.83 | | | | | | | |
| 7,544.43 | | | | | | | |
| 21,114.27 | 6,035.52 | 8,564.31 | 5,261.08 | 2,279.72 | 3,000.17 | 5,559.93 | 8,696.11 |
| 6,862.68 | 2,892.71 | 1,538.31 | 663.40 | 1,363.58 | 732.83 | 2,845.91 | 2,397.33 |
| 7,874.91 | 2,019.86 | 1,393.43 | 830.07 | 1,245.85 | 793.99 | 2,235.27 | 2,871.79 |
| 1,195.54 | 262.58 | 359.43 | 425.08 | 342.52 | 112.53 | 432.21 | 572.93 |
| 3,696.77 | 957.54 | 206.27 | 558.67 | 291.87 | 203.81 | 328.41 | 388.37 |
| 10,658.09 | | | | | | | |
| 65,579.52 | 12,168.21 | 12,061.75 | 7,738.30 | 5,523.54 | 4,843.33 | 11,401.73 | 14,926.53 |
| 1,968.90 | 3,008.14 | 221.58 | 1,467.39 | 949.45 | 2,803.69 | 3,065.88 | 55.62 |
| 1,950.84 | | 370.71 | 255.66 | 803.54 | 521.27 | 2,000.00 | 8,000.00 |
| 2,601.49 | | | | | | 1,323.73 | 13.63 |
| 16,122.55 | | | | | | | |
| 14,304.22 | 6,613.84 | 434.81 | 1,349.24 | 2,685.10 | 792.45 | 2,076.23 | 3,350.59 |
| 102,527.52 | 21,790.19 | 13,088.85 | 10,810.59 | 9,961.63 | 8,960.74 | 19,867.57 | 26,346.37 |
| 102,527.52 | 21,790.19 | 13,088.85 | 10,810.59 | 9,961.63 | 8,960.74 | 19,867.57 | 26,346.37 |
| 44,500.00 | 3,769.79 | 8,469.78 | 6,158.24 | 2,631.08 | 2,819.87 | 3,153.76 | 7,702.42 |
| 1,342.12 | 762.28 | 10.01 | | | 203.75 | | 333.68 |
| 197.50 | | 70.00 | | | | 100.00 | |
| 46,039.62 | 4,532.07 | 8,549.79 | 6,158.24 | 2,631.08 | 3,023.62 | 3,253.76 | 8,036.10 |
| 14,304.22 | 6,613.84 | 434.81 | 1,349.24 | 2,685.10 | 792.45 | 2,076.23 | 3,350.59 |
| 15,317.16 | 3,275.11 | 923.55 | 674.74 | 1,225.08 | 1,045.32 | 3,040.60 | 3,379.10 |
| 29,621.38 | 9,888.95 | 1,358.36 | 2,023.98 | 3,910.18 | 1,837.77 | 5,116.83 | 6,729.69 |
| 16,122.55 | 3,930.21 | 530.44 | 1,980.11 | 768.92 | 1,180.13 | 1,146.24 | 1,797.58 |
| 10,743.97 | 3,438.96 | 2,650.26 | 648.26 | 2,651.45 | 2,919.22 | 10,350.74 | 9,783.00 |
| 26,866.52 | 7,369.17 | 3,180.70 | 2,628.37 | 3,420.37 | 4,099.35 | 11,496.98 | 11,580.58 |
| 102,527.52 | 21,790.19 | 13,088.85 | 10,810.59 | 9,961.63 | 8,960.74 | 19,867.57 | 26,346.37 |
| 41.4 | 29.8 | 67.5 | 65.1 | 36.2 | 37.0 | 18.3 | 34.9 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Dresden | Drumbo P.V. | Dublin P.V. | Dundas | Dunnville |
|---|-----------|----------------|----------------|------------|------------|
| Population..... | 1,396 | | | 5,005 | 3,387 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | | 9,235.96 | 3,339.68 |
| Substation equipment..... | 523.00 | | | 13,396.22 | 17,042.26 |
| Distribution system, overhead.... | 13,809.74 | 3,835.88 | 4,705.14 | 43,509.08 | 30,465.67 |
| Distribution system, underground | | | | | |
| Line transformers..... | 5,876.66 | 1,417.47 | 688.05 | 14,113.17 | 13,084.58 |
| Meters..... | 5,596.04 | 1,581.69 | 744.31 | 17,586.60 | 11,969.62 |
| Street light equipment, regular... | 1,091.61 | 253.02 | 513.09 | 1,903.20 | 2,501.42 |
| Street light equipment, ornamental | | | | | 4,767.47 |
| Misc. construction expense..... | 525.18 | 266.20 | 787.06 | 7,438.81 | 5,678.35 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 4,815.01 | | | 1,867.38 | 10,717.62 |
| Total plant..... | 32,237.24 | 7,354.26 | 7,437.65 | 109,050.42 | 99,566.67 |
| Bank and cash balance..... | 252.10 | 569.81 | 13.22 | 1,384.33 | |
| Securities and investments..... | 5,000.00 | | | 13,500.00 | 10,000.00 |
| Accounts receivable..... | 196.35 | 779.86 | 374.81 | 2,995.44 | 8,110.56 |
| Inventories..... | 669.37 | 217.71 | | 649.46 | 898.08 |
| Sinking fund on local debentures. | | | | | |
| Equity in Hydro systems..... | 9,398.25 | 1,907.89 | 1,764.90 | 47,956.43 | 15,312.84 |
| Other assets..... | | | | | |
| Total assets..... | 47,753.31 | 10,829.53 | 9,590.58 | 175,536.08 | 133,888.15 |
| Deficit..... | | | 335.92 | | |
| Total..... | 47,753.31 | 10,829.53 | 9,926.50 | 175,536.08 | 133,888.15 |
| LIABILITIES | | | | | |
| Debenture balance..... | 5,473.33 | 3,172.53 | 3,330.83 | 35,275.26 | 61,070.23 |
| Accounts payable..... | 1,482.73 | | | 59.47 | 2,426.55 |
| Bank overdraft..... | | | | | 1,747.74 |
| Other liabilities..... | 5.00 | | | 1,356.71 | 80.00 |
| Total liabilities..... | 6,961.06 | 3,172.53 | 3,330.83 | 36,691.64 | 65,324.52 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 9,398.25 | 1,907.89 | 1,764.90 | 47,956.43 | 15,312.84 |
| For depreciation..... | 5,330.59 | 2,052.63 | 1,961.60 | 29,902.97 | 20,263.26 |
| Other reserves..... | | | | | |
| Total reserves..... | 14,728.84 | 3,960.52 | 3,726.50 | 77,859.40 | 35,576.10 |
| SURPLUS | | | | | |
| Debentures paid..... | 10,764.92 | 1,327.47 | 2,869.17 | 17,724.74 | 14,429.77 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 15,298.49 | 2,369.01 | | 43,260.50 | 18,557.76 |
| Total surplus..... | 26,063.41 | 3,696.48 | 2,869.17 | 60,985.24 | 32,987.53 |
| Total liabilities, reserves and surplus | 47,753.31 | 10,829.53 | 9,926.50 | 175,536.08 | 133,888.15 |
| Percentage of net debt to total assets | 18.1 | 35.6 | 42.6 | 28.8 | 55.1 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Dutton 800 | Elmira 2,572 | Elora 1,170 | Embro 443 | Erieau 226 | Erie Beach 27 | Essex 1,809 | Etobicoke Twp. 14,315 |
|---------------|-----------------|----------------|--------------|---------------|---------------------|----------------|-----------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 5,798.43 | 1,494.54 | ..... | ..... | ..... | ..... | 23,699.30 |
| 7,667.28 | 25,506.45 | 14,829.83 | 8,294.10 | 6,670.46 | 1,834.77 | 26,451.42 | 249,414.50 |
| 3,043.21 | 12,364.44 | 6,645.10 | 2,710.75 | 1,263.72 | 543.17 | 10,185.85 | 56,638.10 |
| 3,239.98 | 11,225.04 | 5,050.98 | 1,729.34 | 1,538.51 | 487.23 | 8,771.99 | 50,689.60 |
| 577.88 | 1,136.23 | 784.89 | 460.67 | 240.10 | ..... | 1,164.58 | 11,055.51 |
| 338.94 | 3,105.28 | 1,292.55 | 69.45 | 379.90 | 375.03 | 1,323.60 | 6,202.16 |
| ..... | 2,168.08 | 1,425.47 | 429.25 | ..... | ..... | ..... | ..... |
| 14,867.29 | 61,303.95 | 31,523.36 | 13,693.56 | 10,092.69 | 3,240.20 | 47,897.44 | 397,699.17 |
| ..... | 4,504.00 | 2,972.34 | 380.35 | ..... | 482.81 | 6,582.90 | 5,694.83 |
| 6,000.00 | ..... | ..... | ..... | ..... | ..... | 5,000.00 | ..... |
| 895.85 | 1,765.56 | 1,753.93 | 815.30 | 615.74 | 172.62 | 4,160.84 | 12,953.07 |
| 56.02 | 660.47 | 669.60 | ..... | ..... | ..... | ..... | 465.68 |
| 5,912.70 | 25,415.07 | 12,441.99 | 3,694.26 | 1,010.73 | 266.83 | 7,406.82 | 37,756.77 |
| | | | | | | | |
| 27,731.86 | 93,649.05 | 49,361.22 | 18,583.47 | 11,719.16 | 4,162.46 | 71,048.00 | 454,569.52 |
| | | | | | | | |
| 27,731.86 | 93,649.05 | 49,361.22 | 18,583.47 | 11,719.16 | 4,162.46 | 71,048.00 | 454,569.52 |
| | | | | | | | |
| 6,279.03 | 18,653.15 | 7,068.98 | 5,157.12 | 5,991.17 | 3,115.22 | 21,151.19 | 202,549.88 |
| ..... | 32.75 | ..... | 1,482.90 | 82.44 | 74.79 | 1,018.71 | 29,388.64 |
| 360.92 | ..... | ..... | ..... | 166.73 | ..... | ..... | ..... |
| 11.84 | 451.69 | ..... | ..... | ..... | ..... | 671.75 | 5,236.69 |
| 6,651.79 | 19,137.59 | 7,068.98 | 6,640.02 | 6,240.34 | 3,190.01 | 22,841.65 | 237,175.21 |
| | | | | | | | |
| 5,912.70 | 25,415.07 | 12,441.99 | 3,694.26 | 1,010.73 | 266.83 | 7,406.82 | 37,756.77 |
| 4,565.60 | 13,378.29 | 7,492.18 | 3,143.88 | 584.00 | 169.00 | 5,927.52 | 42,978.89 |
| | | | | | | | |
| 10,478.30 | 38,793.36 | 19,934.17 | 6,838.14 | 1,594.73 | 435.83 | 13,334.34 | 80,735.66 |
| | | | | | | | |
| 2,128.46 | 6,346.85 | 5,931.02 | 2,342.88 | 891.96 | 184.78 | 1,348.81 | 38,450.12 |
| 8,473.31 | 29,371.25 | 16,427.05 | 2,762.43 | 2,992.13 | 351.84 | 33,523.20 | 98,208.53 |
| 10,601.77 | 35,718.10 | 22,358.07 | 5,105.31 | 3,884.09 | 536.62 | 34,872.01 | 136,658.65 |
| 27,731.86 | 93,649.05 | 49,361.22 | 18,583.47 | 11,719.16 | 4,162.46 | 71,048.00 | 454,569.52 |
| | | | | | | | |
| 30.5 | 28.0 | 19.1 | 44.6 | 58.3 | 81.9 | 35.9 | 56.9 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Exeter | Fergus | Fonthill | Ford City | Forest |
|---|--------------|--------------|--------------|--------------|--------------|
| Population..... | 1,590 | 2,184 | 708 | 13,105 | 1,443 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 3,275.39 | | | | 5,583.88 |
| Substation equipment..... | | | | | |
| Distribution system, overhead... | 20,284.44 | 28,790.85 | 9,230.63 | 146,685.19 | 19,580.60 |
| Distribution system, underground | | | | | |
| Line transformers..... | 7,655.18 | 11,101.01 | 4,401.00 | 56,340.86 | 7,370.45 |
| Meters..... | 7,254.65 | 9,626.72 | 4,010.40 | 56,164.90 | 8,214.64 |
| Street light equipment, regular... | 922.24 | 1,740.07 | 826.52 | | 2,316.14 |
| Street light equipment, ornamental | | | | 22,396.52 | |
| Misc. construction expense..... | 2,953.07 | 1,164.59 | 3,515.63 | 3,439.78 | 1,143.70 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 2,546.59 | | | 11,042.87 |
| Total plant..... | 42,344.97 | 54,969.83 | 21,984.18 | 285,027.25 | 55,252.28 |
| Bank and cash balance..... | 5,010.84 | | | | 1,267.58 |
| Securities and investments..... | | | | | 2,500.00 |
| Accounts receivable..... | 5,201.41 | 2,057.01 | 137.52 | 27,507.76 | 3,982.96 |
| Inventories..... | 3,390.80 | 209.27 | | | 3,535.82 |
| Sinking fund on local debentures | | | | | |
| Equity in Hydro systems..... | 12,309.77 | 13,176.91 | 755.74 | 55,429.02 | 7,850.59 |
| Other assets..... | | | 112.02 | | |
| Total assets..... | 68,257.79 | 70,413.02 | 22,989.46 | 367,964.03 | 74,389.23 |
| Deficit..... | | | 142.88 | | |
| Total..... | 68,257.79 | 70,413.02 | 23,132.34 | 367,964.03 | 74,389.23 |
| LIABILITIES | | | | | |
| Debenture balance..... | 12,577.41 | 31,167.27 | 18,821.28 | 128,860.65 | 15,443.00 |
| Accounts payable..... | | 2,946.25 | 1,506.40 | 11,773.85 | 265.00 |
| Bank overdraft..... | | 826.21 | 204.63 | | |
| Other liabilities..... | | 10.00 | 112.02 | 22,396.52 | |
| Total liabilities..... | 12,577.41 | 34,949.73 | 20,644.33 | 163,031.02 | 15,708.00 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 12,309.77 | 13,176.91 | 755.74 | 55,429.02 | 7,850.59 |
| For depreciation..... | 8,447.74 | 2,547.46 | 553.55 | 24,068.91 | 9,478.36 |
| Other reserves..... | 150.00 | | | | 50.00 |
| Total reserves..... | 20,907.51 | 15,724.37 | 1,309.29 | 79,497.93 | 17,378.95 |
| SURPLUS | | | | | |
| Debentures paid..... | 7,422.64 | 10,832.73 | 1,178.72 | 20,139.35 | 18,957.00 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 27,350.23 | 8,906.19 | | 105,295.73 | 22,345.28 |
| Total surplus..... | 34,772.87 | 19,738.92 | 1,178.72 | 125,435.08 | 41,302.28 |
| Total liabilities, reserves and surplus | 68,257.79 | 70,413.02 | 23,132.34 | 367,964.03 | 74,389.23 |
| Percentage of net debt to total assets | 22.5 | 61.0 | 92.8 | 52.1 | 23.6 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Galt 12,576 | George- town 1,970 | Glencoe 782 | Goderich 4,242 | Granton P.V. | Guelph 19,007 | Hagers- ville 1,227 | Hamilton 123,359 |
|----------------|--------------------------|----------------|-------------------|-----------------|------------------|---------------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$] c. | \$ c. | \$ c. | \$ c. |
| 198,630.68 | 12.00 | | 12,957.48 | | 12,546.55 | | 834,772.40 |
| 151,530.28 | | | 9,795.28 | | 132,455.50 | 864.37 | 384,841.69 |
| 205,888.80 | 24,412.82 | 20,093.90 | 54,844.17 | 4,091.52 | 151,935.16 | 17,309.68 | 777,315.23 |
| | | | | | | | 474,367.23 |
| 50,838.06 | 14,005.52 | 4,346.96 | 17,296.27 | 1,638.55 | 69,896.98 | 8,612.39 | 419,544.89 |
| 61,999.78 | 11,111.49 | 3,932.53 | 14,824.22 | 1,409.01 | 78,544.01 | 6,566.60 | 445,603.59 |
| 11,115.53 | 1,362.22 | 1,647.22 | 4,743.08 | 163.37 | 33,440.82 | 659.82 | 123,783.20 |
| 59,160.34 | | | | | | | |
| 23,259.58 | 2,742.94 | 3,558.42 | 4,900.36 | 113.08 | 21,329.16 | 746.00 | 180,515.79 |
| | | | | | | | |
| | 2,209.80 | | 14,622.15 | | | | 28,950.54 |
| 762,423.05 | 55,856.79 | 33,579.03 | 133,983.01 | 7,415.53 | 500,148.18 | 34,758.86 | 3,669,694.56 |
| 175.00 | 1,758.00 | 919.58 | 14,196.61 | 998.79 | 6,399.40 | 7,480.95 | 156,005.72 |
| | 14,516.82 | | | 2,000.00 | | 2,000.00 | |
| 57,724.95 | 2,866.56 | 948.08 | 3,232.28 | 638.63 | 35,159.36 | 1,879.48 | 339,863.47 |
| 11,759.65 | 763.74 | | 1,429.71 | | 25,995.04 | 68.00 | 74,757.26 |
| 141,612.81 | | | | | 32,529.16 | | 427,534.33 |
| 173,337.02 | 29,810.67 | 4,994.55 | 38,570.40 | 2,677.91 | 200,761.75 | 25,852.19 | 901,563.10 |
| 604.63 | | | 1,331.47 | | | | 16,525.25 |
| 1,147,637.11 | 105,572.58 | 40,441.24 | 192,743.48 | 13,730.86 | 800,992.89 | 72,039.48 | 5,585,943.69 |
| | | | | | | | |
| 1,147,637.11 | 105,572.58 | 40,441.24 | 192,743.48 | 13,730.86 | 800,992.89 | 72,039.48 | 5,585,943.69 |
| 451,519.02 | 14,111.66 | 12,981.43 | 40,879.64 | 2,664.09 | 73,386.85 | 4,865.82 | 281,543.02 |
| 23,184.25 | | 1,650.00 | 6,326.11 | 980.65 | 24,279.97 | | 219,583.11 |
| 33,005.65 | | | | | | | |
| | | | 1,331.47 | | 2,065.95 | | 122,757.02 |
| 507,708.92 | 14,111.66 | 14,631.43 | 48,537.22 | 3,644.74 | 99,732.77 | 4,865.82 | 3,157,775.15 |
| 173,337.02 | 29,810.67 | 4,994.55 | 38,570.40 | 2,677.91 | 200,761.75 | 25,852.19 | 901,563.10 |
| 138,916.01 | 14,951.49 | 3,225.75 | 37,113.14 | 1,262.31 | 61,481.80 | 4,028.49 | 579,304.45 |
| 3,101.03 | | | | | 200.00 | | |
| 315,354.06 | 44,762.16 | 8,220.30 | 75,683.54 | 3,940.22 | 262,443.55 | 29,880.68 | 1,480,867.55 |
| 66,482.93 | 5,888.34 | 7,131.45 | 35,208.41 | 835.91 | 71,613.14 | 3,134.18 | 356,586.56 |
| 141,612.81 | | | | | 32,529.16 | | 427,534.33 |
| 116,478.39 | 40,810.42 | 10,458.06 | 33,314.31 | 5,309.99 | 334,674.27 | 34,158.80 | 163,180.10 |
| 324,574.13 | 46,698.76 | 17,589.51 | 68,522.72 | 6,145.90 | 438,816.57 | 37,292.98 | 947,300.99 |
| 1,147,637.11 | 105,572.58 | 40,441.24 | 192,743.48 | 13,730.86 | 800,992.89 | 72,039.48 | 5,585,943.69 |
| 44.0 | 18.6 | 41.2 | 31.5 | 33.0 | 11.8 | 10.5 | 64.1 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Harriston | Harrow P.V. | Hensall | Hespeler | Highgate |
|--|-----------|----------------|-----------|------------|-----------|
| Population..... | 1,237 | | 732 | 2,815 | 398 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 600.00 | | | 3,740.39 | |
| Substation equipment..... | | | | 20,083.58 | |
| Distribution system, overhead..... | 17,684.51 | 10,833.80 | 12,370.10 | 26,198.20 | 6,171.82 |
| Distribution system, underground..... | | | | | |
| Line transformers..... | 6,379.74 | 5,870.02 | 4,192.33 | 15,940.97 | 2,349.25 |
| Meters..... | 6,033.75 | 5,052.65 | 3,060.70 | 11,451.72 | 1,634.80 |
| Street light equipment, regular..... | 1,141.41 | 453.38 | 590.63 | 3,619.63 | 343.16 |
| Street light equip., ornamental..... | | | | 976.50 | |
| Misc. construction expense..... | 775.06 | 95.42 | 500.45 | 499.47 | 551.98 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 1,001.43 | | 400.00 | 2,095.25 | |
| Total plant..... | 33,615.90 | 22,305.27 | 21,114.21 | 84,605.71 | 11,051.01 |
| Bank and cash balance..... | 558.63 | 5,885.16 | 3,668.71 | 945.32 | 652.53 |
| Securities and investments..... | | | | 3,000.00 | 2,000.00 |
| Accounts receivable..... | 1,232.05 | 2,443.84 | 714.83 | 4,662.40 | 548.13 |
| Inventories..... | | 51.97 | | 198.08 | |
| Sinking fund on local debentures..... | | | | | |
| Equity in Hydro systems..... | 10,243.59 | 3,950.29 | 4,103.33 | 26,456.30 | 3,331.01 |
| Other assets..... | | | | 24.00 | |
| Total assets..... | 45,650.17 | 34,636.53 | 29,601.08 | 119,891.81 | 17,582.68 |
| Deficit..... | | | | | |
| Total..... | 45,650.17 | 34,636.53 | 29,601.08 | 119,891.81 | 17,582.68 |
| LIABILITIES | | | | | |
| Debenture balance..... | 15,054.61 | 10,573.00 | 9,112.45 | 21,695.27 | 3,800.46 |
| Accounts payable..... | 1,369.84 | 1,734.85 | 699.05 | 91.67 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | 140.00 | | | |
| Total liabilities..... | 16,424.45 | 12,447.85 | 9,811.50 | 21,786.94 | 3,800.46 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems..... | 10,243.59 | 3,950.29 | 4,103.33 | 26,456.30 | 3,331.01 |
| For depreciation..... | 2,996.10 | 1,633.41 | 2,955.73 | 11,636.68 | 2,304.99 |
| Other reserves..... | | | | | |
| Total reserves..... | 13,239.69 | 5,583.70 | 7,059.06 | 38,092.98 | 5,636.00 |
| SURPLUS | | | | | |
| Debentures paid..... | 8,157.85 | 1,427.00 | 2,887.55 | 30,875.24 | 1,199.54 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 7,828.18 | 15,177.98 | 9,842.97 | 29,136.65 | 6,946.68 |
| Total surplus..... | 15,986.03 | 16,604.98 | 12,730.52 | 60,011.89 | 8,146.22 |
| Total liabilities, reserves and surplus..... | 45,650.17 | 34,636.53 | 29,601.08 | 119,891.81 | 17,582.68 |
| Percentage of net debt to total assets..... | 46.4 | 40.5 | 38.5 | 23.3 | 26.6 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Humberstone 1,766 | Ingersoll 4,997 | Jarvis 468 | Kingsville 2,346 | Kitchener 25,856 | Lambeth P.V. 647 | La Salle 647 | Leamington 5,011 |
|----------------------|--------------------|---------------|---------------------|---------------------|------------------------|-----------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 15,064.45 | ..... | 7,587.04 | 51,871.96 | ..... | ..... | 7,928.55 |
| ..... | 25,374.39 | ..... | ..... | 183,503.72 | ..... | ..... | 6,375.74 |
| 22,263.75 | 49,733.35 | 8,624.22 | 24,135.46 | 294,503.89 | 5,995.98 | 15,936.82 | 42,642.61 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5,213.46 |
| 7,514.80 | 24,530.73 | 2,526.96 | 11,134.16 | 138,941.30 | 1,162.07 | 5,245.38 | 20,093.24 |
| 6,719.34 | 24,039.87 | 1,850.95 | 11,522.51 | 144,447.79 | 1,648.37 | 3,692.10 | 19,788.39 |
| 764.86 | 2,890.12 | 691.16 | 1,162.55 | 50,884.54 | 167.40 | 663.53 | 1,269.02 |
| ..... | 4,597.59 | ..... | 19,200.00 | ..... | ..... | ..... | 15,178.49 |
| 2,722.30 | 10,428.71 | 536.27 | 182.97 | 16,513.27 | 300.71 | 1,239.23 | 878.86 |
| | | | | | | | |
| ..... | 19,633.99 | ..... | ..... | 52,398.91 | ..... | ..... | ..... |
| 39,985.05 | 176,293.20 | 14,229.56 | 74,924.69 | 933,065.38 | 9,274.53 | 26,777.06 | 119,368.36 |
| 2,734.88 | ..... | 2,381.95 | 1,369.76 | 74.00 | 1,329.82 | 311.01 | 5,305.60 |
| ..... | 15,143.52 | ..... | 15,000.00 | 12,500.00 | ..... | ..... | 4,000.00 |
| 104.28 | 9,948.83 | 191.75 | 4,641.53 | 79,450.34 | 722.89 | 2,491.21 | 10,472.27 |
| ..... | 2,227.22 | ..... | ..... | 20,920.65 | ..... | ..... | ..... |
| ..... | 46,421.30 | ..... | ..... | ..... | ..... | ..... | ..... |
| 3,698.69 | 57,318.21 | 3,402.01 | 10,261.76 | 372,432.46 | 2,664.34 | 1,855.77 | 14,873.48 |
| 1,098.27 | ..... | ..... | ..... | 84,911.85 | ..... | 43.48 | ..... |
| 47,621.17 | 307,352.28 | 20,205.27 | 106,197.74 | 1,503,354.68 | 13,991.58 | 31,478.53 | 154,019.71 |
| | | | | | | | |
| 47,621.17 | 307,352.28 | 20,205.27 | 106,197.74 | 1,503,354.68 | 13,991.58 | 31,478.53 | 154,019.71 |
| 27,100.00 | 79,800.00 | 8,819.37 | 31,646.31 | 300,087.67 | 3,032.74 | 14,158.56 | 42,291.74 |
| 174.06 | ..... | ..... | 2,927.40 | 46,170.49 | ..... | 4.00 | 5,540.66 |
| ..... | 5,455.65 | ..... | ..... | ..... | ..... | 563.45 | ..... |
| 1,031.89 | 4,597.59 | ..... | 20,328.28 | 84,072.20 | ..... | 316.01 | 16,843.77 |
| 28,305.95 | 89,853.24 | 8,819.37 | 54,901.99 | 430,330.36 | 3,032.74 | 15,042.02 | 64,676.17 |
| 3,698.69 | 57,318.21 | 3,402.01 | 10,261.76 | 372,432.46 | 2,664.34 | 1,855.77 | 14,873.48 |
| 1,612.86 | 22,055.96 | 1,083.00 | 9,031.69 | 165,485.86 | 1,818.41 | 1,958.29 | 9,192.99 |
| ..... | ..... | ..... | ..... | 13,143.52 | ..... | ..... | ..... |
| 5,311.55 | 79,374.17 | 4,485.01 | 19,293.45 | 551,061.84 | 4,482.75 | 3,814.06 | 24,066.47 |
| 4,900.00 | ..... | 1,680.63 | 1,853.69 | 212,062.33 | 967.26 | 1,341.44 | 5,708.26 |
| ..... | 46,421.30 | ..... | ..... | ..... | ..... | ..... | ..... |
| 9,103.67 | 91,703.57 | 5,220.26 | 30,148.61 | 309,900.15 | 5,508.83 | 11,281.01 | 59,568.81 |
| 14,003.67 | 138,124.87 | 6,900.89 | 32,002.30 | 521,962.48 | 6,476.09 | 12,622.45 | 65,277.07 |
| 47,621.17 | 307,352.28 | 20,205.27 | 106,197.74 | 1,503,354.68 | 13,991.58 | 31,478.53 | 154,019.71 |
| 64.4 | 21.3 | 52.5 | 57.2 | 38.0 | 26.8 | 50.8 | 46.5 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Listowel | London | London Twp. 7,431 | Lucan | Lynden P.V. |
|---|--------------|--------------|-------------------------|--------------|----------------|
| Population..... | 2,448 | 64,293 | | 574 | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 1,416.07 | 395,395.43 | | | 241.18 |
| Substation equipment..... | | 785,228.78 | | | |
| Distribution system, overhead.... | 33,888.65 | 663,371.34 | 14,618.76 | 9,264.77 | 3,727.60 |
| Distribution system, underground | 549.14 | 146,585.74 | | | |
| Line transformers..... | 14,609.92 | 176,344.84 | 4,570.23 | 3,402.74 | 1,719.16 |
| Meters..... | 13,793.68 | 280,977.32 | 3,034.13 | 2,911.25 | 1,429.84 |
| Street light equipment, regular.. | 1,633.00 | 44,274.94 | 665.98 | 399.07 | 220.71 |
| Street light equip., ornamental... | 1,348.66 | 17,427.05 | | | |
| Misc. construction expense..... | 2,009.08 | 82,090.14 | 478.71 | 445.77 | 193.57 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 4,745.30 | | 1,733.80 | 2,860.45 | |
| Total plant..... | 73,993.50 | 2,591,695.58 | 25,101.61 | 19,284.05 | 7,532.06 |
| Bank and cash balance..... | 2,434.81 | 119,421.78 | 2,441.31 | 426.87 | 196.81 |
| Securitise and investments..... | | | | 7,000.00 | 2,000.00 |
| Accounts receivable..... | 3,565.27 | 275,180.99 | 2,236.06 | 842.11 | 123.86 |
| Inventories..... | 106.36 | 55,308.98 | | | |
| Sinking fund on local debentures.. | | 283,857.38 | | | |
| Equity in Hydro systems..... | 20,316.27 | 676,862.62 | 2,378.45 | 6,835.38 | 5,544.62 |
| Other assets..... | | | | | |
| Total assets..... | 100,416.21 | 4,002,327.33 | 32,157.43 | 34,388.41 | 15,397.35 |
| Deficit..... | | | | | |
| Total..... | 100,416.21 | 4,002,327.33 | 32,157.43 | 34,388.41 | 15,397.35 |
| LIABILITIES | | | | | |
| Debenture balance..... | 16,817.31 | 1,232,788.97 | 15,333.58 | 6,119.47 | 3,360.56 |
| Accounts payable..... | 2,260.79 | 161,121.87 | 1,555.74 | 1,293.95 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 1,438.66 | 430.86 | | | |
| Total liabilities..... | 20,516.76 | 1,394,341.70 | 16,889.32 | 7,413.42 | 3,360.56 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 20,316.27 | 676,862.62 | 2,378.45 | 6,835.38 | 5,544.62 |
| For depreciation..... | 16,887.62 | 601,621.90 | 1,432.55 | 4,672.17 | 1,995.70 |
| Other reserves..... | | 42,755.51 | | | |
| Total reserves..... | 37,203.89 | 1,321,240.03 | 3,811.00 | 11,507.55 | 7,540.32 |
| SURPLUS | | | | | |
| Debentures paid..... | 26,372.58 | 349,111.03 | 3,666.42 | 5,094.15 | 1,134.44 |
| Local sinking fund..... | | 283,857.38 | | | |
| Additional operating surplus..... | 16,322.98 | 653,777.19 | 7,790.69 | 10,373.29 | 3,362.03 |
| Total surplus..... | 42,695.56 | 1,286,745.60 | 11,457.11 | 15,467.44 | 4,496.47 |
| Total liabilities, reserves and surplus | 100,416.21 | 4,002,327.33 | 32,157.43 | 34,388.41 | 15,397.35 |
| Percentage of net debt to total assets | 25.6 | 36.5 | 56.7 | 26.9 | 34.1 |

“A”—Continued

Hydro Municipalities as at December 31, 1928

| Markham 956 | Merlin P.V. | Merritton 2,520 | Milton 1,875 | Milverton 947 | Mimico 5,491 | Mitchell 1,640 | Moorefield P.V. |
|----------------|----------------|--------------------|-----------------|------------------|-----------------|-------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | ..... | 350.00 | ..... | 237.20 | 13,588.87 | 12,649.72 | ..... |
| 10,607.49 | 7,790.71 | 22,700.61 | 11,868.94 | ..... | 26,151.79 | 21,130.32 | ..... |
| ..... | ..... | 18,480.91 | 18,250.53 | 10,707.98 | 58,224.14 | 25,234.44 | 2,991.03 |
| 3,839.84 | 1,875.28 | 4,477.42 | 10,858.20 | 7,243.25 | 21,777.43 | 7,275.18 | 990.72 |
| 4,564.95 | 2,127.20 | 7,966.17 | 10,925.56 | 4,633.47 | 24,720.93 | 10,219.15 | 1,065.12 |
| 556.59 | 555.64 | 1,739.30 | 986.67 | 669.56 | 4,059.54 | 2,397.96 | 295.88 |
| 1,318.86 | 455.36 | 2,075.80 | 4,519.84 | 982.33 | 4,448.95 | 862.55 | 348.35 |
| ..... | 241.85 | ..... | 4,065.85 | ..... | ..... | 1,500.00 | ..... |
| 20,887.73 | 13,046.04 | 57,790.21 | 61,475.59 | 24,473.79 | 152,971.65 | 81,269.32 | 5,691.10 |
| 3,723.37 | 2,652.01 | ..... | 1,095.26 | 1,539.88 | 3,732.73 | 5,190.17 | 2,331.98 |
| 1,809.48 | 6,000.00 | ..... | ..... | 5,000.00 | ..... | ..... | ..... |
| 1,675.36 | 958.00 | 1,681.90 | 8,331.18 | 2,506.23 | 5,419.82 | 2,116.04 | 439.81 |
| ..... | ..... | ..... | 6,390.46 | 20.00 | ..... | 620.96 | ..... |
| 4,179.32 | 3,561.46 | 14,619.32 | 38,783.94 | 16,610.50 | 36,435.26 | 13,920.87 | 1,819.22 |
| ..... | ..... | ..... | ..... | ..... | 2,755.62 | ..... | ..... |
| 32,275.26 | 26,217.51 | 74,091.43 | 116,076.43 | 50,150.40 | 201,315.08 | 103,117.36 | 10,282.11 |
| | | | | | | | |
| 32,275.26 | 26,217.51 | 74,091.43 | 116,076.43 | 50,150.40 | 201,315.08 | 103,117.36 | 10,282.11 |
| | | | | | | | |
| 5,631.63 | 10,747.59 | 14,330.62 | 13,668.82 | 4,516.80 | 85,533.39 | 2,233.81 | 2,643.33 |
| 721.00 | 559.37 | ..... | 1,003.58 | ..... | ..... | 1,223.75 | 277.04 |
| ..... | ..... | 222.23 | ..... | ..... | ..... | ..... | ..... |
| 5.00 | ..... | ..... | ..... | 26.71 | 2,625.00 | 50.05 | ..... |
| 6,357.63 | 11,306.96 | 14,552.85 | 14,672.40 | 4,543.51 | 88,158.39 | 3,507.61 | 2,920.37 |
| | | | | | | | |
| 4,179.32 | 3,561.46 | 14,619.32 | 38,783.94 | 16,610.50 | 36,435.26 | 13,920.87 | 1,819.22 |
| 2,906.91 | 1,065.30 | 6,629.73 | 11,681.76 | 3,398.26 | 27,660.50 | 22,679.58 | 1,253.84 |
| ..... | ..... | ..... | 194.37 | ..... | ..... | ..... | ..... |
| 7,086.23 | 4,626.76 | 21,249.05 | 50,660.07 | 20,008.76 | 64,095.76 | 36,600.45 | 3,073.06 |
| | | | | | | | |
| 5,742.00 | 2,616.12 | 5,855.59 | 19,044.16 | 4,983.20 | 21,466.61 | 20,061.41 | 1,856.67 |
| 13,089.40 | 7,667.67 | 32,433.94 | 31,699.80 | 20,614.93 | 27,594.32 | 42,947.89 | 2,432.01 |
| 18,831.40 | 10,283.79 | 38,289.53 | 50,743.96 | 25,598.13 | 49,060.93 | 63,009.30 | 4,288.68 |
| 32,275.26 | 26,217.51 | 74,091.43 | 116,076.43 | 50,150.40 | 201,315.08 | 103,117.36 | 10,282.11 |
| | | | | | | | |
| 22.6 | 49.9 | 24.5 | 19.0 | 13.5 | 53.5 | 3.9 | 34.5 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Mount Brydges P.V. | Newbury 285 | New Hamburg 1,394 | New Toronto 5,023 | Niagara Falls 18,492 |
|---|--------------------------|----------------|-------------------------|-------------------------|----------------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | 2,471.21 | 39,093.82 | 122,933.55 |
| Substation equipment..... | | | 1,167.55 | | 156,983.98 |
| Distribution system, overhead... | 5,968.05 | 6,111.31 | 21,286.29 | 60,630.48 | 174,237.73 |
| Distribution system, underground | | | | | |
| Line transformers..... | 1,709.69 | 1,036.62 | 6,231.22 | 19,744.77 | 141,839.64 |
| Meters..... | 2,004.43 | 944.42 | 7,408.50 | 20,518.43 | 105,845.98 |
| Street light equipment, regular... | 507.73 | 817.42 | 1,547.70 | 7,774.43 | 22,141.01 |
| Street light equip., ornamental... | | | | | 84,968.35 |
| Misc. construction expense..... | 152.82 | 485.13 | 1,818.97 | 4,860.07 | 16,323.58 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 348.22 | 5,242.56 | | 12,707.30 |
| Total plant..... | 10,342.72 | 9,743.12 | 47,174.00 | 152,622.00 | 837,981.12 |
| Bank and cash balance..... | 1,477.80 | 1,721.84 | 1,494.92 | 25.00 | 19,854.00 |
| Securities and investments..... | 2,000.00 | | 3,000.00 | | |
| Accounts receivable..... | 647.27 | 89.37 | 2,683.11 | 13,003.49 | 4,197.20 |
| Inventories..... | | 10.52 | 1,428.54 | | 407.82 |
| Sinking fund on local debentures... | | | | | |
| Equity in Hydro systems..... | 1,899.39 | 1,165.58 | 16,532.49 | 121,562.92 | 166,688.21 |
| Other assets..... | | | | 2,817.86 | 4,314.15 |
| Total assets..... | 16,367.18 | 12,730.43 | 72,313.06 | 290,031.27 | 1,033,442.50 |
| Deficit..... | | | | | |
| Total..... | 16,367.18 | 12,730.43 | 72,313.06 | 290,031.27 | 1,033,442.50 |
| LIABILITIES | | | | | |
| Debenture balance..... | 3,037.80 | 6,700.00 | 10,378.25 | 5,401.70 | 387,929.91 |
| Accounts payable..... | 334.37 | 165.53 | 6,782.27 | | 15,279.32 |
| Bank overdraft..... | | | | 1,652.42 | |
| Other liabilities..... | | | 14.00 | 2,817.86 | 11,661.47 |
| Total liabilities..... | 3,372.17 | 6,865.53 | 17,174.52 | 9,871.98 | 414,870.70 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 1,899.39 | 1,165.58 | 16,532.49 | 121,562.92 | 166,688.21 |
| For depreciation..... | 861.94 | 1,306.49 | 9,113.42 | 23,316.88 | 89,017.12 |
| Other reserves..... | | | | | 3,494.98 |
| Total reserves..... | 2,761.33 | 2,472.07 | 25,645.91 | 144,879.80 | 259,200.31 |
| SURPLUS | | | | | |
| Debentures paid..... | 1,182.20 | 3,054.39 | 7,350.83 | 2,598.30 | 227,313.09 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 9,051.48 | 338.44 | 22,141.80 | 132,681.19 | 132,058.40 |
| Total surplus..... | 10,233.68 | 3,392.83 | 29,492.63 | 135,279.49 | 359,371.49 |
| Total liabilities, reserves and surplus | 16,367.18 | 12,730.43 | 72,313.06 | 290,031.27 | 1,033,442.50 |
| Percentage of net debt to total assets | 23.3 | 59.3 | 30.7 | 5.8 | 47.8 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Niagara-on-the-Lake 1,605 | Norwich 1,297 | Oil Springs 428 | Otterville P.V. | Palmerston 1,708 | Paris 4,130 | Parkhill 964 | Petrolia 2,583 |
|------------------------------|------------------|--------------------|--------------------|---------------------|----------------|-----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,312.35 | 4,157.99 | 1,042.00 | | | 7,626.26 | | 900.00 |
| 8,663.05 | | | | 691.88 | 22,158.87 | | 2,403.55 |
| 20,641.06 | 9,560.30 | 11,930.73 | 5,266.03 | 24,108.77 | 47,120.72 | 15,595.23 | 35,968.68 |
| 5,090.72 | 4,497.24 | 5,256.88 | 2,670.00 | 8,148.59 | 16,376.22 | 4,324.17 | 23,663.68 |
| 5,867.56 | 6,044.41 | 3,252.97 | 2,064.71 | 7,162.12 | 17,823.61 | 3,796.98 | 14,106.19 |
| 1,121.10 | 1,132.27 | 305.72 | 378.37 | 1,699.46 | 3,696.65 | 878.43 | 985.28 |
| | 2,882.85 | | | | 9,636.85 | | 3,864.07 |
| 1,259.37 | 1,743.33 | 3,767.85 | 142.00 | 1,771.75 | 37.60 | 1,464.19 | 7,294.29 |
| | 3,509.82 | | | 4,018.71 | 16,684.76 | | 3,389.94 |
| 44,955.21 | 33,528.21 | 25,556.15 | 10,521.11 | 47,601.28 | 141,161.54 | 26,059.00 | 92,575.68 |
| 50.00 | 3,686.33 | 1,105.67 | 4,303.10 | 256.88 | 8,415.57 | | 372.44 |
| | 3,000.00 | | | | 8,000.00 | | 8,400.00 |
| 1,758.63 | 3,123.54 | 2,182.19 | 1,026.56 | 2,677.03 | 4,169.47 | 1,349.25 | 3,208.66 |
| 1,656.75 | 1,516.45 | 769.39 | | 119.42 | | | 2,043.83 |
| 7,759.93 | 12,752.94 | 8,623.12 | 2,375.60 | 12,103.43 | 18,713.45 | 4,842.88 | 32,147.11 |
| | | | | | 36,654.95 | | |
| 56,180.52 | 57,607.47 | 38,236.52 | 18,226.37 | 62,758.04 | 217,114.98 | 32,251.13 | 138,747.72 |
| 56,180.52 | 57,607.47 | 38,236.52 | 18,226.37 | 62,758.04 | 217,114.98 | 32,251.13 | 138,747.72 |
| 5,080.53 | 8,594.95 | 9,982.78 | 2,190.13 | 8,005.87 | 37,599.07 | 10,480.52 | 34,284.86 |
| 10,418.25 | | 1,119.26 | | 2,500.00 | 3,339.49 | 809.25 | 738.11 |
| 2,787.70 | | | | | | 31.60 | 2,745.98 |
| | | | | 288.24 | | 15.00 | |
| 18,286.48 | 8,594.95 | 11,102.04 | 2,190.13 | 10,794.11 | 40,938.56 | 11,336.37 | 37,768.95 |
| 7,759.93 | 12,752.94 | 8,623.12 | 2,375.60 | 12,103.43 | 36,654.95 | 4,842.88 | 32,147.11 |
| 4,037.72 | 1,910.16 | 4,476.53 | 2,287.05 | 4,992.40 | 43,769.23 | 2,288.79 | 17,554.33 |
| | | | | 719.77 | | | 350.00 |
| 11,797.65 | 14,663.10 | 13,099.65 | 4,662.65 | 17,815.60 | 80,424.18 | 7,131.67 | 50,051.44 |
| 11,593.01 | 5,161.05 | 6,738.53 | 2,309.87 | 18,994.13 | 54,400.93 | 4,149.50 | 15,715.14 |
| 14,503.38 | 29,188.37 | 7,296.30 | 9,063.72 | 15,154.20 | 18,713.45 | 9,633.59 | 35,212.19 |
| 26,096.39 | 34,349.42 | 14,034.83 | 11,373.59 | 34,148.33 | 22,637.86 | | |
| 56,180.52 | 57,607.47 | 38,236.52 | 18,226.37 | 62,758.04 | 95,752.24 | 13,783.09 | 50,927.33 |
| | | | | | 217,114.98 | 32,251.13 | 138,747.72 |
| 37.7 | 19.1 | 37.4 | 13.8 | 21.3 | 13.7 | 41.3 | 35.4 |

STATEMENT

Balance Sheets of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Plattsville P.V. | Point Edward 1,400 | Port Colborne 5,374 | Port Credit 1,350 | Port Dalhousie 1,554 |
|---|---------------------|--------------------------|---------------------------|-------------------------|----------------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | 22,120.24 | 675.00 | |
| Substation equipment..... | | | | | |
| Distribution system, overhead... | 3,253.80 | 16,031.08 | 63,465.33 | 20,185.57 | 13,339.25 |
| Distribution system, underground | | | | | |
| Line transformers..... | 1,205.47 | 5,755.49 | 20,494.77 | 6,317.04 | 7,092.61 |
| Meters..... | 1,679.38 | 4,713.73 | 19,097.31 | 7,026.74 | 8,468.25 |
| Street light equipment, regular... | 147.15 | 713.92 | 3,956.60 | 3,975.00 | 718.70 |
| Street light equip., ornamental... | | | | | |
| Misc. construction expense..... | 535.92 | 503.14 | 5,831.78 | 799.11 | 2,597.49 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | 9,929.60 | | 6,018.38 |
| Total plant..... | 6,821.72 | 27,717.36 | 144,895.63 | 38,978.46 | 38,234.68 |
| Bank and cash balance..... | | 13,323.78 | 15.00 | 3,331.04 | 2,370.12 |
| Securities and investments..... | | | | | 3,000.00 |
| Accounts receivable..... | 343.49 | 669.30 | 5,297.00 | 1,401.69 | 2,317.86 |
| Inventories..... | | | 3,698.35 | | |
| Sinking fund on local debentures | | | | | 1,409.29 |
| Equity on Hydro systems..... | 2,928.63 | 13,023.51 | 22,349.21 | 9,192.92 | 7,549.23 |
| Other assets..... | | | 1,028.16 | | |
| Total assets..... | 10,093.84 | 54,733.95 | 177,283.35 | 52,904.11 | 54,881.18 |
| Deficit..... | 360.47 | | | | |
| Total..... | 10,454.31 | 54,733.95 | 177,283.35 | 52,904.11 | 54,881.18 |
| LIABILITIES | | | | | |
| Debenture balance..... | 3,692.18 | 12,217.82 | 97,509.49 | 10,829.94 | 14,855.82 |
| Accounts payable..... | 81.22 | 1,229.38 | 2,188.68 | 487.90 | |
| Bank overdraft..... | 231.63 | | 2,540.42 | | |
| Other liabilities..... | | | 945.00 | 35.00 | 40.00 |
| Total liabilities..... | 4,005.03 | 13,447.20 | 103,183.59 | 11,352.84 | 14,895.82 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 2,928.63 | 13,023.51 | 22,349.21 | 9,192.92 | 7,549.23 |
| For depreciation..... | 1,975.83 | 5,736.71 | 13,773.71 | 8,281.63 | 4,089.39 |
| Other reserves..... | | | 459.76 | | |
| Total reserves..... | 4,904.46 | 18,760.22 | 36,582.68 | 17,474.55 | 11,638.62 |
| SURPLUS | | | | | |
| Debentures paid..... | 1,544.82 | 4,782.18 | 23,490.51 | 3,670.06 | 7,644.18 |
| Local sinking fund..... | | | | | 1,409.29 |
| Additional operating surplus..... | | 17,744.35 | 14,026.57 | 20,406.66 | 19,293.27 |
| Total surplus..... | 1,544.82 | 22,526.53 | 37,517.08 | 24,076.72 | 28,346.74 |
| Total liabilities, reserves and surplus | 10,454.31 | 54,733.95 | 177,283.35 | 52,904.11 | 54,881.18 |
| Percentage of net debt to total assets | 55.8 | 32.2 | 66.5 | 25.9 | 29.3 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Port Dover 1544 | Port Rowan 696 | Port Stanley 690 | Preston 5,622 | Princeton P.V. | Queenston P.V. | Richmond Hill 1,197 | Ridgetown 1,942 |
|-----------------------|----------------------|------------------------|------------------|-------------------|-------------------|---------------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 248.75 | | 1,521.25 | | | | | |
| 24,150.66 | 8,830.70 | 17,034.47 | 37,923.27 | 3,025.06 | 6,809.45 | 600.00 | 1,024.24 |
| | | | 83,628.27 | | | 7,529.93 | 18,656.66 |
| 8,400.23 | 1,676.62 | 7,634.68 | 42,553.44 | 962.62 | 1,541.35 | 6,467.89 | 9,444.10 |
| 5,247.47 | 1,395.72 | 6,574.41 | 34,968.84 | 995.93 | 1,483.49 | 4,126.21 | 8,704.02 |
| 1,904.15 | 888.04 | 1,111.38 | 4,380.45 | 116.30 | 416.29 | 1,311.72 | 2,271.22 |
| 2,571.88 | 681.53 | 5,780.17 | 6,670.45 | 64.35 | 1,948.71 | 19.13 | 1,431.73 |
| | | 577.51 | 32,126.75 | | | | 1,598.32 |
| | | | | | | | 5,088.46 |
| 42,523.14 | 13,472.61 | 40,224.87 | 242,251.47 | 5,164.26 | 12,199.29 | 20,054.88 | 48,218.75 |
| 255.06 | 53.97 | 1,259.57 | 8,933.78 | 1,816.07 | 59.08 | 2,934.91 | 320.60 |
| | | 3,000.00 | | | | | 10,000.00 |
| 2,585.50 | 211.50 | 1,631.83 | 19,177.02 | 643.68 | 77.26 | 2,198.42 | 2,716.75 |
| 209.29 | | | 15.75 | 7.10 | 2.28 | 370.24 | 1,434.01 |
| 5,336.49 | 883.82 | 12,312.48 | 86,878.42 | 1,877.99 | 1,917.39 | 2,793.38 | 12,213.86 |
| | | | | | | | |
| 50,909.48 | 14,621.90 | 58,428.75 | 357,256.44 | 9,509.10 | 14,255.30 | 28,351.83 | 74,903.97 |
| | 3,087.62 | | | | | | |
| 50,909.48 | 17,709.52 | 58,428.75 | 357,256.44 | 9,509.10 | 14,255.30 | 28,351.83 | 74,903.97 |
| | | | | | | | |
| 19,878.40 | 10,700.97 | 11,139.97 | 57,249.71 | 2,502.81 | 6,174.47 | 7,172.82 | 7,981.49 |
| | 5,569.70 | 465.83 | 16,773.92 | | 1,627.25 | | |
| 169.00 | | 398.00 | | | | | 1,431.73 |
| 20,047.40 | 16,270.67 | 12,003.80 | 74,023.63 | 2,502.81 | 7,801.72 | 7,172.82 | 9,413.22 |
| | | | | | | | |
| 5,336.49 | 883.82 | 12,312.48 | 86,878.42 | 1,877.99 | 1,917.39 | 2,793.38 | 12,213.86 |
| 5,168.55 | 256.00 | 6,535.82 | 61,701.13 | 1,634.81 | 1,435.00 | 1,383.73 | 8,448.53 |
| | | | | | | | |
| 10,505.04 | 1,139.82 | 18,848.30 | 148,579.55 | 3,512.80 | 3,352.39 | 4,177.11 | 20,662.39 |
| | | | | | | | |
| 9,121.60 | 299.03 | 7,810.03 | 75,550.29 | 1,047.19 | 1,825.53 | 5,027.18 | 11,474.50 |
| 11,235.44 | | 19,766.62 | 59,102.97 | 2,446.30 | 1,275.66 | 11,974.72 | 33,353.86 |
| 20,357.04 | 299.03 | 27,576.65 | 134,653.26 | 3,493.49 | 3,101.19 | 17,001.90 | 44,828.36 |
| 50,909.48 | 17,709.52 | 58,428.75 | 357,256.44 | 9,509.10 | 14,255.30 | 28,351.83 | 74,903.97 |
| | | | | | | | |
| 43.9 | 118.4 | 26. | 27.3 | 32.7 | 63.2 | 28. | 15. |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Riverside | Rockwood P.V. | Rodney | St. Cathar- ines | St. Clair Beach |
|---|------------|------------------|-----------|---------------------|--------------------|
| Population..... | 3,909 | | 760 | 22,376 | 122 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 79.00 | | 38,402.09 | |
| Substation equipment..... | | | | 66,185.82 | |
| Distribution system, overhead.... | 80,319.08 | 6,714.57 | 9,145.51 | 164,525.51 | 6,863.88 |
| Distribution system, underground | | | | | |
| Line transformers..... | 24,689.83 | 1,493.77 | 2,118.74 | 93,344.25 | 1,947.09 |
| Meters..... | 21,048.73 | 2,176.05 | 3,306.97 | 70,970.91 | 1,168.38 |
| Street light equipment, regular.... | | 519.98 | 586.17 | 15,977.97 | |
| Street light equip., ornamental.... | 3,393.58 | | | 27,448.87 | |
| Misc. construction expense..... | 4,571.45 | 356.05 | 792.65 | 32,762.21 | |
| Steam or hydraulic plant..... | | | | 6,302.64 | |
| Old plant..... | | | 700.00 | 8,110.00 | |
| Total plant..... | 134,022.67 | 11,339.42 | 16,650.04 | 524,030.27 | 9,979.35 |
| Bank and cash balance..... | | | 196.06 | 5,157.28 | |
| Securities and investments..... | | | 7,000.00 | 25,969.06 | |
| Accounts receivable..... | 15,813.76 | 960.88 | 527.58 | 22,411.33 | 4,029.33 |
| Inventories..... | | 172.79 | | 739.21 | |
| Sinking fund on local debentures.. | | | | 49,434.94 | |
| Equity in Hydro systems..... | 16,746.20 | 3,521.64 | 3,362.31 | 142,759.53 | 1,548.03 |
| Other assets..... | | | | | |
| Total assets..... | 166,582.63 | 15,994.73 | 27,735.99 | 770,501.62 | 15,556.71 |
| Deficit..... | | | | | |
| Total..... | 166,582.63 | 15,994.73 | 27,735.99 | 770,501.62 | 15,556.71 |
| LIABILITIES | | | | | |
| Debenture balance..... | 70,686.21 | | 6,577.34 | 181,131.18 | 5,127.87 |
| Accounts payable..... | 6,464.96 | | | 35,696.73 | 207.66 |
| Bank overdraft..... | | 47.14 | | | |
| Other liabilities..... | 3,393.58 | | | 27,448.87 | |
| Total liabilities..... | 80,544.75 | 47.14 | 6,577.34 | 244,276.78 | 5,335.53 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 16,746.20 | 3,521.64 | 3,362.31 | 142,759.53 | 1,548.03 |
| For depreciation..... | 11,705.59 | 3,394.93 | 2,220.53 | 111,732.11 | 1,056.00 |
| Other reserves..... | | | | 10,190.53 | |
| Total reserves..... | 28,451.79 | 6,916.57 | 5,582.84 | 264,682.17 | 2,604.03 |
| SURPLUS | | | | | |
| Debentures paid..... | 11,813.79 | 2,000.00 | 1,922.66 | 50,891.73 | 1,213.58 |
| Local sinking fund..... | | | | 49,434.94 | |
| Additional operating surplus..... | 45,772.30 | 7,031.02 | 13,653.15 | 161,216.00 | 6,403.57 |
| Total surplus..... | 57,586.09 | 9,031.02 | 15,575.81 | 261,542.67 | 7,617.15 |
| Total liabilities, reserves and surplus | 166,582.63 | 15,994.73 | 27,735.99 | 770,501.62 | 15,556.71 |
| Percentage of net debt to total assets | 53.7 | 0.3 | 26.9 | 33.7 | 38. |

“A”—Continued

Hydro Municipalities as at December 31, 1928

| St. George P.V. | St. Jacobs P.V. | St. Marys 4,007 | St. Thomas 16,586 | Sandwich 9,407 | Sarnia 16,066 | Scarboro' Twp. 15,276 | Seaforth 1,751 |
|--------------------|--------------------|--------------------|----------------------|-------------------|------------------|-----------------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | ..... | 3,000.00 | 45,964.23 | 364.48 | 92,134.14 | 15,762.74 | 1,251.57 |
| ..... | ..... | 24,057.08 | 105,747.84 | 2,675.50 | 182,881.34 | ..... | 5,999.16 |
| 5,900.94 | 5,750.90 | 45,692.55 | 102,246.80 | 96,206.14 | 178,716.83 | 208,753.94 | 25,542.30 |
| ..... | ..... | 29,010.95 | ..... | ..... | ..... | ..... | ..... |
| 2,504.42 | 2,223.59 | 16,771.70 | 47,945.37 | 39,645.86 | 87,722.83 | 43,440.58 | 6,294.74 |
| 2,643.87 | 2,177.21 | 20,166.44 | 61,125.86 | 46,984.10 | 68,319.41 | 51,865.29 | 7,275.86 |
| 228.77 | 311.60 | 3,382.47 | 13,587.90 | 9,677.07 | 9,582.55 | 14,934.58 | 1,953.55 |
| ..... | ..... | ..... | 7,538.63 | 43,675.45 | 7,482.11 | ..... | ..... |
| 374.18 | 452.22 | 4,184.98 | 6,012.97 | 8,473.86 | 21,739.10 | 557.92 | 520.33 |
| | | | | | | | |
| ..... | ..... | 20,696.85 | 2,023.00 | 4,148.96 | 55,806.67 | ..... | ..... |
| 11,652.18 | 10,915.52 | 137,952.07 | 421,203.55 | 251,851.42 | 704,384.98 | 335,315.05 | 48,837.51 |
| 526.06 | 848.74 | ..... | 3,574.02 | 28,703.35 | ..... | 1,903.96 | 2,371.46 |
| 2,000.00 | 3,000.00 | ..... | 53,206.81 | ..... | ..... | ..... | 13,000.00 |
| 1,008.99 | 615.87 | 6,979.29 | 22,099.75 | 14,800.27 | 31,786.71 | 10,657.86 | 3,388.56 |
| 90.70 | 25.40 | 3,052.23 | 624.86 | 155.99 | 8,222.39 | ..... | 3,250.31 |
| ..... | ..... | 12,964.55 | ..... | ..... | ..... | ..... | 10,563.10 |
| 3,936.62 | 3,765.79 | 42,824.58 | 144,329.22 | 52,795.16 | 163,051.15 | 33,339.11 | 23,141.26 |
| ..... | 150.00 | ..... | ..... | ..... | ..... | ..... | ..... |
| 19,214.55 | 19,321.32 | 203,772.72 | 645,038.21 | 348,306.19 | 907,445.23 | 381,215.98 | 104,552.20 |
| | | | | | | | |
| 19,214.55 | 19,321.32 | 203,772.72 | 645,038.21 | 348,306.19 | 907,445.23 | 381,215.98 | 104,552.20 |
| 4,319.10 | 3,490.28 | 39,286.44 | 55,660.04 | 126,758.74 | 220,841.82 | 150,477.97 | 25,000.00 |
| ..... | ..... | 3,000.00 | 123.69 | ..... | 31,462.40 | 23,647.75 | 693.34 |
| ..... | ..... | 263.32 | ..... | ..... | 27,322.98 | 14,132.83 | ..... |
| 15.50 | 150.00 | ..... | 5,152.66 | 53,830.85 | ..... | 15,840.23 | ..... |
| 4,334.60 | 3,640.28 | 42,549.76 | 60,936.39 | 180,589.59 | 279,627.20 | 204,098.78 | 25,693.34 |
| 3,936.62 | 3,765.79 | 42,824.58 | 144,329.22 | 52,795.16 | 163,051.15 | 33,339.11 | 23,141.26 |
| 1,288.26 | 1,619.25 | 35,262.71 | 72,306.32 | 20,626.42 | 86,833.07 | 34,399.77 | 14,475.39 |
| ..... | ..... | 209.05 | 555.90 | ..... | 583.19 | ..... | ..... |
| 5,224.88 | 5,385.04 | 78,296.34 | 217,191.44 | 73,421.58 | 250,467.41 | 67,738.88 | 37,616.65 |
| 1,680.90 | 2,509.72 | 49,960.58 | 87,424.39 | 18,814.29 | 117,158.18 | 40,090.30 | ..... |
| ..... | ..... | 12,964.55 | ..... | ..... | ..... | ..... | 10,563.10 |
| 7,974.17 | 7,786.28 | 20,001.49 | 279,485.99 | 75,480.73 | 260,192.44 | 69,288.02 | 30,679.11 |
| 9,655.07 | 10,296.00 | 82,926.62 | 366,910.38 | 94,295.02 | 377,350.62 | 109,378.32 | 41,242.21 |
| 19,214.55 | 19,321.32 | 203,772.72 | 645,038.21 | 348,306.19 | 907,445.23 | 381,215.98 | 104,552.20 |
| 28.3 | 23.4 | 20.0 | 12.1 | 61.1 | 37.5 | 58.6 | 21.3 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Simcoe | Springfield | Stamford Twp. | Stouffville | Stratford |
|---|--------------|--------------|------------------|--------------|---------------|
| Population..... | 4,491 | 394 | 6,490 | 1,080 | 18,058 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$' c. |
| Lands and buildings..... | 6,088.14 | | 7,160.29 | | 120,780.75 |
| Substation equipment..... | 19,574.21 | | 32,723.66 | | 112,242.24 |
| Distribution system, overhead... | 36,401.87 | 7,789.85 | 86,101.97 | 10,304.36 | 150,683.99 |
| Distribution system, underground | | | | | |
| Line transformers..... | 18,126.74 | 2,169.19 | 31,563.85 | 2,896.22 | 83,771.57 |
| Meters..... | 15,028.16 | 1,688.81 | 22,504.79 | 2,816.78 | 79,452.32 |
| Street light equipment, regular... | 5,233.69 | 380.46 | 6,310.90 | 865.64 | 19,681.87 |
| Street light equipment, ornamental | 2,527.16 | | | | |
| Misc. construction expense..... | 5,263.43 | 691.36 | 8,064.66 | 338.73 | 16,131.42 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 927.92 | | 13,743.66 | 3,866.37 | 16,150.00 |
| Total plant..... | 109,171.32 | 12,719.67 | 208,173.78 | 21,088.10 | 598,894.16 |
| Bank and cash balance..... | 25.00 | 4,048.21 | | 4,073.41 | 9,621.47 |
| Securities and investments..... | | | | 3,000.00 | 20,000.00 |
| Accounts receivable..... | | 485.77 | 20,113.22 | 1,650.57 | 69,633.47 |
| Inventories..... | 760.41 | | 4,632.58 | | 12,878.85 |
| Sinking fund on local debentures... | | | | | 128,607.85 |
| Equity in Hydro systems..... | 21,599.23 | 2,628.85 | 21,796.04 | 3,277.55 | 180,096.25 |
| Other assets..... | | | 2,760.50 | | |
| Total assets..... | 131,555.96 | 19,882.50 | 257,476.12 | 33,089.63 | 1,019,732.05 |
| Deficit..... | | | | | |
| Total..... | 131,555.96 | 19,882.50 | 257,476.12 | 33,089.63 | 1,019,732.05 |
| LIABILITIES | | | | | |
| Debenture balance..... | 55,296.36 | 4,370.96 | 90,808.90 | 13,443.94 | 412,000.00 |
| Accounts payable..... | 5,988.08 | 389.20 | 56,001.40 | | |
| Bank overdraft..... | 21.70 | | 42.57 | | |
| Other liabilities..... | 3,500.00 | 16.00 | 2,628.50 | | |
| Total liabilities..... | 64,806.14 | 4,776.16 | 149,481.37 | 13,443.94 | 412,000.00 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 21,599.23 | 2,628.85 | 21,796.04 | 3,277.55 | 180,096.25 |
| For depreciation..... | 10,041.49 | 964.88 | 17,832.94 | 1,678.05 | 133,846.97 |
| Other reserves..... | | | 588.72 | | 317.02 |
| Total reserves..... | 31,640.72 | 3,593.73 | 40,217.70 | 4,955.60 | 314,260.24 |
| SURPLUS | | | | | |
| Debentures paid..... | 8,138.54 | 5,129.04 | 26,737.46 | 5,096.33 | 43,800.00 |
| Local sinking fund..... | | | | | 128,607.85 |
| Additional operating surplus..... | 26,970.56 | 6,383.57 | 41,039.59 | 9,593.76 | 121,063.96 |
| Total surplus..... | 35,109.10 | 11,512.61 | 67,777.05 | 14,690.09 | 293,471.81 |
| Total liabilities, reserves and surplus | 131,555.96 | 19,882.50 | 257,476.12 | 33,089.63 | 1,019,732.05 |
| Percentage of net debt to total assets | 58.9 | 27.6 | 63.4 | 45.1 | 39.8 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Strathroy 2,605 | Sutton 747 | Tavistock 993 | Tecumseh 1,951 | Thames- ford P.V. | Thames- ville 817 | Thedford 558 | Thorndale P.V. |
|--------------------|---------------|------------------|-------------------|-------------------------|-------------------------|-----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 7,127.70 | | 234.02 | | | 627.37 | | |
| 11,918.37 | | | | | | | |
| 33,781.32 | 18,267.59 | 10,472.10 | 29,462.14 | 7,198.71 | 10,432.59 | 7,447.28 | 3,160.38 |
| 17,876.85 | 4,405.62 | 4,193.02 | 6,757.02 | 2,436.71 | 4,646.49 | 1,363.70 | 1,583.98 |
| 12,888.06 | 4,566.77 | 4,275.11 | 9,275.24 | 2,163.28 | 3,523.18 | 1,884.58 | 1,318.25 |
| 1,633.57 | 1,331.70 | 878.59 | | 321.55 | 1,190.37 | 885.46 | 112.29 |
| | | | 280.75 | | | | |
| 1,701.33 | 1,464.39 | 592.19 | 1,262.48 | 214.02 | 694.77 | 1,530.81 | 310.45 |
| 12,343.15 | 675.00 | | | | 4,445.68 | 433.78 | |
| 99,270.35 | 30,711.07 | 20,645.03 | 47,037.63 | 12,334.27 | 25,560.45 | 13,545.61 | 6,485.35 |
| 1,788.85 | 956.16 | 750.92 | | 1,172.54 | 333.31 | 425.98 | 1,471.85 |
| | | 6,686.29 | | 6,000.00 | 6,000.00 | 4,000.00 | |
| 7,952.28 | 1,040.29 | 1,660.23 | 2,879.94 | 1,208.78 | 543.13 | 532.82 | 411.91 |
| 5,323.05 | | | | | | | |
| 25,390.00 | 2,647.87 | 12,460.14 | 4,928.40 | 5,393.20 | 4,923.02 | 2,315.72 | 3,084.30 |
| 139,724.53 | 35,355.39 | 42,202.61 | 54,845.97 | 26,108.79 | 37,359.91 | 20,820.13 | 11,453.41 |
| 139,724.53 | 35,355.39 | 42,202.61 | 54,845.97 | 26,108.79 | 37,359.91 | 20,820.13 | 11,453.41 |
| 23,703.13 | 21,358.21 | 4,562.56 | 20,613.32 | 2,593.75 | 6,728.59 | 12,734.99 | 1,827.53 |
| 1,156.60 | 2,245.74 | 65.00 | 6,305.00 | | | 108.33 | 200.00 |
| | | | 280.75 | | | | |
| 24,859.73 | 23,603.95 | 4,627.56 | 27,199.07 | 2,593.75 | 6,728.59 | 12,843.32 | 2,027.53 |
| 25,390.00 | 2,647.87 | 12,460.14 | 4,928.40 | 5,393.20 | 4,923.02 | 2,315.72 | 3,084.30 |
| 20,539.70 | 1,855.02 | | 4,973.31 | 3,046.37 | 3,589.38 | 1,448.33 | 1,602.99 |
| 400.00 | | 4,153.71 | | | | | |
| 46,329.70 | 4,502.89 | 16,613.85 | 9,901.71 | 8,439.57 | 8,512.40 | 3,764.05 | 4,687.29 |
| 22,528.87 | 4,641.79 | 1,437.44 | 5,386.68 | 2,764.28 | 4,459.21 | 3,765.01 | 1,258.95 |
| 46,006.23 | 2,606.76 | 19,523.76 | 12,358.51 | 12,311.19 | 17,659.71 | 447.75 | 3,479.64 |
| 68,535.10 | 7,248.55 | 20,961.20 | 17,745.19 | 15,075.47 | 22,118.92 | 4,212.76 | 4,738.59 |
| 139,724.53 | 35,355.39 | 42,202.61 | 54,845.97 | 26,108.79 | 37,359.91 | 20,820.13 | 11,453.41 |
| 21.7 | 72.1 | 15.5 | 54.4 | 12.5 | 20.7 | 69.4 | 24.2 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Thorold | Tilbury | Tillson- burg | Toronto | Toronto Twp. |
|--|------------|-----------|------------------|---------------|-----------------|
| Population..... | 4,957 | 1,996 | 3,238 | 556,691 | 8,082 |
| | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 969.46 | 4,266.90 | 3,429,806.44 | 6,287.53 |
| Substation equipment..... | | | 13,937.52 | 12,183,196.69 | |
| Distribution system, overhead.. | 29,268.11 | 10,344.84 | 34,202.34 | 5,956,937.61 | 149,271.52 |
| Distribution system, underground | | | | 2,552,316.83 | |
| Line transformers..... | 11,112.92 | 9,202.72 | 13,209.33 | 2,400,370.15 | 30,665.67 |
| Meters..... | 18,062.68 | 6,777.55 | 13,747.77 | 2,467,289.65 | 23,867.91 |
| Street light equipment, regular.. | 2,364.18 | 965.88 | 3,039.13 | 434,349.19 | 3,380.52 |
| Street light equipment, ornamental | | | 510.67 | | |
| Misc. construction expense..... | 5,454.87 | 1,280.11 | 2,242.46 | 2,089,368.11 | 2,037.58 |
| Steam or hydraulic plant..... | 17,643.54 | | | | |
| Old plant..... | | 3,049.47 | | 3,551,586.31 | 619.65 |
| Total plant..... | 83,906.30 | 32,590.03 | 85,156.12 | 35,065,220.98 | 216,130.38 |
| Bank and cash balance..... | 12,869.09 | 478.14 | 2,112.06 | | 20.00 |
| Securities and investments..... | | 14,000.00 | 25,000.00 | | |
| Accounts receivable..... | 19,528.62 | | 6,243.53 | 1,701,810.59 | 5,387.68 |
| Inventories..... | 64.87 | | 2,790.73 | 655,052.67 | |
| Sinking fund on local debentures. | | | | 4,394,941.78 | |
| Equity in Hydro systems..... | 17,274.04 | 12,595.78 | 27,189.40 | 5,094,514.13 | 20,606.95 |
| Other assets..... | | | | | |
| Total assets..... | 133,642.92 | 59,663.95 | 148,491.84 | 46,911,540.15 | 242,145.01 |
| Deficit..... | | | | | |
| Total..... | 133,642.92 | 59,663.95 | 148,491.84 | 46,911,540.15 | 242,145.01 |
| LIABILITIES | | | | | |
| Debenture balance..... | 2,353.98 | 9,299.57 | 16,187.38 | 25,408,868.25 | 57,552.04 |
| Accounts payable..... | 1,672.20 | 235.70 | | 1,663,604.57 | 3,025.00 |
| Bank overdraft..... | | | 1,400.66 | 118,060.98 | 4,920.78 |
| Other liabilities..... | 1,383.50 | | 1,506.00 | | 1,125.96 |
| Total liabilities..... | 5,409.68 | 9,535.27 | 19,094.04 | 27,190,533.80 | 66,623.78 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 17,274.04 | 12,595.78 | 27,189.40 | 5,094,514.13 | 20,606.95 |
| For depreciation..... | 22,235.05 | 6,589.79 | 21,556.81 | 5,222,918.93 | 51,400.01 |
| Other reserves..... | | | | 856,763.57 | |
| Total reserves..... | 39,509.09 | 19,185.57 | 48,746.21 | 11,174,196.63 | 72,006.96 |
| SURPLUS | | | | | |
| Debentures paid..... | 2,646.02 | 4,700.43 | 19,812.62 | 2,922,131.75 | 21,447.96 |
| Local sinking fund..... | | | | 4,394,941.78 | |
| Additional operating surplus.... | 86,078.13 | 26,242.68 | 60,838.97 | 1,229,736.19 | 82,066.31 |
| Total surplus..... | 88,724.15 | 30,943.11 | 80,651.59 | 8,546,809.72 | 103,514.27 |
| Total liabilities reserves and surplus | 133,642.92 | 59,663.95 | 148,491.84 | 46,911,540.15 | 242,145.01 |
| Percentage of net debt to total assets | 4.6 | 20.2 | 15.7 | 60.9 | 30.0 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Trafalgar Twp. 3,779 | Walker- ville 9,852 | Wallace- burg 4,145 | Wardsville 212 | Waterdown 817 | Waterford 1,030 | Waterloo 7,135 | Watford 1,031 |
|----------------------------|---------------------------|---------------------------|-------------------|------------------|--------------------|-------------------|------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| ..... | 132,379.64 | 36,546.92 | ..... | 200.00 | ..... | 14,221.41 | ..... |
| ..... | 84,950.85 | 9,401.87 | ..... | ..... | ..... | 62,431.03 | ..... |
| 19,621.00 | 108,584.68 | 48,310.53 | 4,657.33 | 12,954.27 | 14,437.17 | 69,807.14 | 14,862.46 |
| | | | | | | | |
| 6,576.14 | 77,353.15 | 30,412.01 | 966.09 | 3,270.37 | 5,761.47 | 31,446.76 | 4,526.54 |
| 3,639.72 | 60,902.64 | 17,983.66 | 912.34 | 4,756.69 | 5,360.90 | 30,523.46 | 4,660.84 |
| ..... | ..... | 2,433.45 | 519.36 | 583.81 | 2,389.11 | 7,252.84 | 633.96 |
| ..... | 104,041.52 | 488.03 | ..... | ..... | ..... | 5,836.73 | ..... |
| 1,590.76 | 32,539.96 | 10,293.23 | 488.73 | 243.84 | 442.53 | 4,610.10 | 1,657.41 |
| ..... | ..... | ..... | ..... | ..... | ..... | 2,333.64 | ..... |
| ..... | 18,335.05 | 20,941.07 | 193.94 | ..... | ..... | 21,977.03 | 657.44 |
| | | | | | | | |
| 31,427.62 | 619,087.49 | 176,810.77 | 7,737.79 | 22,008.98 | 28,391.18 | 250,440.14 | 26,998.65 |
| | | | | | | | |
| 1,080.49 | 82,816.46 | 9,548.47 | 79.54 | 1,810.10 | 2,025.43 | 1,597.86 | 1,113.36 |
| ..... | ..... | ..... | 1,500.00 | 3,500.00 | 6,000.00 | ..... | 2,000.00 |
| 471.10 | 120,380.43 | 7,630.78 | 355.99 | 1,948.18 | 969.42 | 10,010.58 | 1,010.86 |
| ..... | 40,926.89 | 4,658.66 | ..... | 56.04 | ..... | 1,765.53 | 130.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | 5,472.00 | ..... |
| ..... | 179,556.72 | 52,493.89 | 812.12 | 7,747.64 | 8,661.91 | 77,585.34 | 5,602.89 |
| ..... | 11,993.65 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 32,979.21 | 1,054,761.64 | 251,142.57 | 10,485.44 | 37,070.94 | 46,047.94 | 346,871.45 | 36,855.76 |
| | | | | | | | |
| | | | | | | | |
| 32,979.21 | 1,054,761.64 | 251,142.57 | 10,485.44 | 37,070.94 | 46,047.94 | 346,871.45 | 36,855.76 |
| | | | | | | | |
| | | | | | | | |
| 16,798.74 | 206,594.40 | 56,866.36 | 5,736.73 | 1,847.35 | ..... | 73,249.03 | 4,755.46 |
| 75.00 | 36,244.91 | ..... | 414.77 | ..... | ..... | 812.37 | ..... |
| | | | | | | | |
| ..... | 119,454.02 | 806.35 | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 16,873.74 | 362,293.33 | 57,672.71 | 6,151.50 | 1,847.35 | ..... | 74,061.40 | 4,755.46 |
| | | | | | | | |
| | | | | | | | |
| ..... | 179,556.72 | 52,493.89 | 812.12 | 7,747.64 | 8,661.91 | 77,585.34 | 5,602.89 |
| 7,081.17 | 102,647.62 | 24,939.83 | 971.00 | 6,318.69 | 6,010.67 | 70,413.15 | 2,736.70 |
| ..... | 3,706.61 | 200.00 | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 7,081.17 | 285,910.95 | 77,633.72 | 1,783.12 | 14,066.33 | 14,672.58 | 147,998.49 | 8,339.59 |
| | | | | | | | |
| | | | | | | | |
| 2,627.67 | 92,664.60 | 14,670.22 | 1,825.67 | 6,152.65 | 7,745.53 | 32,750.97 | 4,957.75 |
| ..... | ..... | ..... | ..... | ..... | ..... | 5,472.00 | ..... |
| 6,396.63 | 313,892.76 | 101,165.92 | 725.15 | 15,004.61 | 23,629.83 | 86,588.59 | 18,802.96 |
| | | | | | | | |
| 9,024.30 | 406,557.36 | 115,836.14 | 2,550.82 | 21,157.26 | 31,375.36 | 124,811.56 | 23,760.71 |
| | | | | | | | |
| 32,979.21 | 1,054,761.64 | 251,142.57 | 10,485.44 | 37,070.94 | 46,047.94 | 346,871.45 | 36,855.76 |
| | | | | | | | |
| | | | | | | | |
| 51.1 | 41.3 | 29. | 63.5 | 6.1 | 0. | 26. | 15.2 |

STATEMENT

Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

| Municipality..... | Welland | Wellesley P.V. | West Lorne | Weston | Wheatley |
|---|------------|-------------------|------------|------------|-----------|
| Population..... | 9,664 | | 805 | 4,136 | 717 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 29,567.19 | | | 7,721.81 | |
| Substation equipment..... | 50,846.29 | | | 31,822.27 | |
| Distribution system, overhead... | 126,527.66 | 5,329.04 | 11,345.36 | 47,123.45 | 11,394.19 |
| Distribution system, underground | | | | | |
| Line transformers..... | 48,342.70 | 2,153.50 | 4,738.99 | 29,221.72 | 3,133.26 |
| Meters..... | 50,100.95 | 2,241.70 | 3,019.28 | 17,411.22 | 2,778.61 |
| Street light equipment, regular... | 4,333.24 | 545.11 | 615.97 | 7,989.13 | 1,432.25 |
| Street light equipment, ornamental | 10,588.49 | | | 20,729.13 | |
| Misc. construction expense..... | 11,015.30 | 102.05 | 347.14 | 7,529.33 | 618.33 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 52 500.10 | | 1,250.00 | | 2,569.50 |
| Total plant..... | 383,821.92 | 10,371.40 | 21,316.74 | 169,548.06 | 21,926.14 |
| Bank and cash balance..... | 2,524.84 | 1,936.28 | 354.72 | 14,388.50 | 1,492.99 |
| Securities and investments..... | 4,192.85 | | 1,848.42 | | |
| Accounts receivable..... | 10,528.39 | 367.99 | 1,153.82 | 9,750.40 | 2,480.14 |
| Inventories..... | 2,817.01 | | | 469.22 | |
| Sinking fund on local debentures... | 60,331.70 | | | | |
| Equity in Hydro systems..... | 77,312.60 | 5,874.14 | 10,153.52 | 67,738.47 | 2,389.72 |
| Other assets..... | | | | 463.44 | |
| Total assets..... | 541,529.31 | 18,549.81 | 34,827.22 | 262,358.09 | 28,288.99 |
| Deficit..... | | | | | |
| Total..... | 541,529.31 | 18,549.81 | 34,827.22 | 262,358.09 | 28,288.99 |
| LIABILITIES | | | | | |
| Debenture balance..... | 257,673.61 | 4,060.49 | 6,293.05 | 52,030.64 | 10,919.20 |
| Accounts payable..... | 547.93 | 463.87 | 2,305.97 | 5,000.00 | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 15,748.49 | | | 463.44 | |
| Total liabilities..... | 273,970.03 | 4,524.36 | 8,599.02 | 57,494.08 | 10,919.20 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems... | 77,312.60 | 5,874.14 | 10,153.52 | 67,738.47 | 2,389.72 |
| For depreciation..... | 86,136.99 | 1,157.00 | 3,711.12 | 25,867.70 | 1,331.00 |
| Other reserves..... | | | | | |
| Total reserves..... | 163,449.59 | 7,031.14 | 13,864.64 | 93,606.17 | 3,720.72 |
| SURPLUS | | | | | |
| Debentures paid..... | 17,326.39 | 3,439.51 | 1,706.95 | 18,001.80 | 2,080.80 |
| Local sinking fund..... | 60,331.70 | | | | |
| Additional operating surplus..... | 26,451.60 | 3,554.80 | 10,656.61 | 93,256.04 | 11,568.27 |
| Total surplus..... | 104,109.69 | 6,994.31 | 12,363.56 | 111,257.84 | 13,649.07 |
| Total liabilities, reserves and surplus | 541,529.31 | 18,549.81 | 34,827.22 | 262,358.09 | 28,288.99 |
| Percentage of net debt to total assets | 52.8 | 35.6 | 34.8 | 29.5 | 42.1 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Windsor 61,095 | Wood- bridge 700 | Woodstock 10,106 | Wyoming 499 | York Twp. 48,982 | E. York Twp. 23,610 | N. York Twp 9,006 |
|-------------------|------------------------|---------------------|---------------------|---------------------|------------------------|----------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 248,944.30 | | 29,075.01 | | | 16,642.85 | 5,224.36 |
| 544,794.43 | | 71,745.88 | | | 8,085.33 | |
| 709,916.71 | 11,974.51 | 87,973.94 | 6,835.20 | 581,182.85 | 224,012.24 | 203,279.39 |
| 300,579.74 | 4,611.39 | 51,231.05 | 1,033.75 | | 44,302.76 | 34,873.98 |
| 306,811.49 | 3,799.22 | 48,175.41 | 2,077.38 | | 105,555.14 | 25,249.77 |
| 44,808.66 | 423.26 | 10,790.09 | 283.92 | 38,130.97 | 14,323.32 | |
| 543,037.12 | | | | | 955.29 | |
| 120,386.84 | 627.35 | 16,795.25 | 805.20 | 19,070.96 | 16,403.33 | 7,619.90 |
| 147,895.11 | | 13,268.95 | | | | |
| 2,967,174.40 | 21,435.73 | 329,055.58 | 11,035.45 | 638,384.78 | 430,280.26 | 276,247.40 |
| 105,381.43 | 25.20 | 24,638.53 | 441.87 | 134,788.34 | 23,036.56 | 746.29 |
| 100,000.00 | 4,000.00 | 27,000.00 | | | | |
| 198,554.46 | 874.08 | 14,367.21 | 152.05 | 34,478.78 | 16,403.76 | 8,397.85 |
| 103,846.52 | | 1,491.40 | | | 6,150.92 | 107.52 |
| 109,195.30 | | 36,782.73 | | | | |
| 530,243.82 | 8,846.90 | 108,697.01 | 2,368.46 | | 35,188.52 | 11,332.29 |
| 2,841.45 | | | | 327.06 | | 3,418.49 |
| 4,117,237.38 | 35,181.91 | 542,032.46 | 13,997.83 875.96 | 807,978.96 | 511,060.02 | 300,249.84 |
| 4,117,237.38 | 35,181.91 | 542,032.46 | 14,873.79 | 807,978.96 | 511,060.02 | 300,249.84 |
| 1,698,340.76 | 6,354.08 | 81,237.95 | 4,986.03 | 513,146.84 | 325,221.55 | 147,817.64 |
| 65,578.48 | 871.26 | | | 12 | 12,438.82 | 74,871.73 |
| 584,297.88 | | 3,972.10 | | | 13,217.26 | 3,407.02 |
| 2,348,217.12 | 7,225.34 | 85,210.05 | 4,986.03 | 513,146.96 | 350,877.63 | 226,096.39 |
| 530,243.82 | 8,846.90 | 108,697.01 | 2,368.46 | | 35,188.52 | 11,332.29 |
| 237,156.21 | 5,775.37 | 83,495.61 | 2,805.33 | 77,394.49 | 23,966.82 | 19,980.34 |
| | | 7,605.58 | | | | |
| 767,400.03 | 14,622.27 | 199,798.20 | 5,173.79 | 77,394.49 | 59,155.34 | 31,312.63 |
| 291,659.27 | 2,145.89 | 46,147.68 | 4,713.97 | 86,853.16 | 31,846.23 | 15,204.23 |
| 109,195.30 | | 36,782.73 | | | | |
| 600,765.66 | 11,188.41 | 174,093.80 | | 130,584.35 | 69,180.82 | 27,636.59 |
| 1,001,620.23 | 13,334.30 | 257,024.21 | 4,713.97 | 217,437.51 | 101,027.05 | 42,840.82 |
| 4,117,237.38 | 35,181.91 | 542,032.46 | 14,873.79 | 807,978.96 | 511,060.02 | 300,249.84 |
| 64.3 | 27.4 | 12.2 | 42.8 | 63.5 | 73.7 | 78.2 |

STATEMENT

Balance Sheets of Electrical Departments of

| NIAGARA SYSTEM—Concluded | | | GEORGIAN BAY SYSTEM | | |
|--|----------------|------------------------------|------------------------|-----------|------------|
| Municipality..... | Zurich P.V. | NIAGARA SYSTEM SUMMARY | Alliston | Arthur | Barrie |
| Population..... | | | 1,336 | 1,018 | 7,175 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 6,265,025.52 | | | 14,198.21 |
| Substation equipment..... | | 15,903,478.90 | 675.73 | | 5,615.98 |
| Distribution system, overhead..... | 6,681.59 | 14,757,764.17 | 22,281.16 | 16,511.46 | 41,380.85 |
| Distribution system, underground..... | | 3,223,950.63 | | | 63,464.23 |
| Line transformers..... | 1,598.15 | 5,705,146.13 | 5,661.18 | 3,864.08 | 24,609.48 |
| Meters..... | 2,036.81 | 5,813,455.28 | 5,733.48 | 3,061.80 | 33,973.07 |
| Street light equipment, regular..... | 461.80 | 1,148,011.98 | 1,428.88 | 749.21 | 5,537.37 |
| Street light equipment, ornamental..... | | 1,097,988.62 | | | 6,516.82 |
| Misc. construction expense..... | 240.77 | 3,061,531.59 | 2,557.52 | 369.52 | 615.00 |
| Steam or hydraulic plant..... | | 27,779.82 | | | |
| Old plant..... | 150.00 | 4,326,940.78 | 8,146.49 | 1,086.62 | 41,358.61 |
| Total plant..... | 11,169.12 | 61,331,073.42 | 46,484.44 | 25,642.69 | 237,269.62 |
| Bank and cash balance..... | 582.34 | 1,060,992.44 | 3,463.07 | 28.61 | 43.44 |
| Securities and investments..... | 3,000.00 | 622,839.67 | | | 6,393.78 |
| Accounts receivable..... | 621.73 | 3,576,149.14 | 3,336.19 | 2,886.09 | 15,208.00 |
| Inventories..... | | 1,098,124.79 | | | 1,735.95 |
| Sinking fund on local debentures..... | | 5,921,095.65 | | | |
| Equity in Hydro systems..... | 4,053.55 | 11,506,287.91 | 4,879.78 | 5,643.04 | 33,195.50 |
| Other assets..... | | 140,603.67 | | | |
| Total assets..... | 19,426.74 | 85,257,166.69 | 58,163.48 | 34,200.43 | 293,846.29 |
| Deficit..... | | 7,871.91 | | 8,381.65 | |
| Total..... | 19,426.74 | 85,265,038.60 | 58,163.48 | 42,582.08 | 293,846.29 |
| LIABILITIES | | | | | |
| Debenture balance..... | 4,529.71 | 38,393,038.18 | 32,152.63 | 20,866.91 | 16,323.37 |
| Accounts payable..... | | 2,741,296.63 | 2,450.47 | 3,443.19 | 4,675.00 |
| Bank overdraft..... | | 233,068.52 | | | 960.94 |
| Other liabilities..... | | 1,245,478.03 | | | |
| Total liabilities..... | 4,529.71 | 42,612,881.36 | 34,603.10 | 24,310.10 | 21,959.31 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems..... | 4,053.55 | 11,506,287.91 | 4,879.78 | 5,643.04 | 33,195.50 |
| For depreciation..... | 2,598.42 | 9,397,666.71 | 9,823.13 | 8,495.85 | 44,635.87 |
| Other reserves..... | | 954,598.92 | | | 700.00 |
| Total reserves..... | 6,651.97 | 21,858,553.54 | 14,702.91 | 14,138.89 | 78,531.37 |
| SURPLUS | | | | | |
| Debentures paid..... | 1,061.90 | 6,459,856.30 | 7,847.37 | 4,133.09 | 70,676.63 |
| Local sinking fund..... | | 5,921,095.65 | | | |
| Additional operating surplus..... | 7,183.16 | 8,412,651.75 | 1,010.10 | | 122,678.98 |
| Total surplus..... | 8,245.06 | 20,793,603.70 | 8,857.47 | 4,133.09 | 193,355.61 |
| Total liabilities, reserves and surplus..... | 19,426.74 | 85,265,038.60 | 58,163.48 | 42,582.08 | 293,846.29 |
| Percentage of net debt to total assets..... | 29.4 | 54.0 | 64.9 | 85.1 | 8.4 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Beaverton 984 | Beeton 565 | Bradford 958 | Brechin P.V. | Canning- ton 890 | Chats- worth 316 | Chesley 1,722 | Coldwater 606 |
|------------------|-----------------------|---------------------|-----------------|------------------------|------------------------|------------------|------------------|
| \$ c. 299.50 | \$ c. 428.50 | \$ c. 388.50 | \$ c. | \$ c. | \$ c. 221.00 | \$ c. 595.98 | \$ c. 275.00 |
| 20,987.77 | 11,343.52 | 17,753.00 | 1,679.67 | 8,970.35 | 4,367.74 | 18,663.39 | 7,370.97 |
| 6,033.48 | 1,990.34 | 2,555.82 | 1,031.71 | 2,782.75 | 980.51 | 4,761.82 | 2,628.26 |
| 5,586.25 | 1,672.74 | 3,090.42 | 576.02 | 3,870.30 | 1,108.23 | 6,291.18 | 2,489.17 |
| 942.99 | 1,149.64 | 544.95 | 168.69 | 623.30 | 500.43 | 1,097.93 | 399.16 |
| 2,445.56 | 1,389.69 | 1,828.94 | 546.92 | 587.33 | 385.90 | 3,595.86 | 145.03 |
| 3,772.42 | | | | 3,609.37 | | 5,503.60 | |
| 40,067.97 | 17,974.43 | 26,161.63 | 4,003.01 | 20,443.40 | 7,563.81 | 40,509.76 | 13,307.59 |
| 2,201.07 | 169.78 | 859.88 | 662.41 | 2,862.26 | 751.28 | 754.23 | 1,811.56 |
| 4,000.00 | | | | 2,326.62 | | 10,000.00 | 6,000.00 |
| 3,225.23 | 3,359.80 | 5,199.24 | 621.35 | 1,903.27 | 778.82 | 3,171.57 | 1,739.33 |
| 92.47 | 5.02 | 5.43 | | 313.59 | | 108.28 | |
| 6,941.13 | 4,054.65 | 4,554.30 | 2,983.35 | 5,292.96 | 2,066.19 1,147.64 | 8,868.46 | 3,065.06 |
| 56,527.87 | 25,563.68 3,528.73 | 36,780.48 229.89 | 8,270.12 | 33,142.10 | 12,307.74 | 63,412.30 | 25,923.54 |
| 56,527.87 | 29,092.41 | 37,010.37 | 8,270.12 | 33,142.10 | 12,307.74 | 63,412.30 | 25,923.54 |
| 9,352.13 | 12,160.27 | 21,908.12 | 2,597.12 | 10,701.65 | 4,962.58 | 13,720.07 | 4,834.39 |
| 1,783.54 | 6,000.72 | 1,656.16 | 600.03 | | 191.24 | | 549.40 |
| 100.00 | | | | | | | |
| 11,235.67 | 18,160.99 | 23,564.28 | 3,197.15 | 10,701.65 | 5,153.82 | 13,720.07 | 5,383.79 |
| 6,941.13 | 4,054.65 | 4,554.30 | 2,983.35 | 5,292.96 | 1,147.64 | 8,868.46 | 3,065.06 |
| 7,459.59 | 4,037.04 | 5,599.91 | 1,197.06 | 5,241.07 | 1,749.26 | 9,728.15 | 5,195.51 |
| 14,400.72 | 8,091.69 | 10,154.21 | 4,180.41 | 10,534.03 | 2,896.90 | 18,596.61 | 8,260.57 |
| 5,647.87 | 2,839.73 | 3,291.88 | 613.80 | 4,298.35 | 437.42 | 13,779.93 | 2,165.61 |
| 25,243.61 | | | 278.76 | 7,608.07 | 2,066.19 1,753.41 | 17,315.69 | 10,113.57 |
| 30,891.48 | 2,839.73 | 3,291.88 | 892.56 | 11,906.42 | 4,257.02 | 31,095.62 | 12,279.18 |
| 56,527.87 | 29,092.41 | 37,010.37 | 8,270.12 | 33,142.10 | 12,307.74 | 63,412.30 | 25,923.54 |
| 22.6 | 84.4 | 73.1 | 60.4 | 38.4 | 33.9 | 25.1 | 23.5 |

STATEMENT

Balance Sheets of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Continued**

| Municipality..... | Colling- wood | Cooks- town | Creemore | Dundalk | Durham |
|---|------------------|----------------|--------------|--------------|--------------|
| Population..... | 5,728 | P.V. | 643 | 558 | 1,694 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 14,598.66 | 60.00 | | | 56.59 |
| Substation equipment..... | 11,203.24 | 392.95 | | | 584.88 |
| Distribution system, overhead... | 43,068.09 | 8,766.38 | 5,749.10 | 6,679.52 | 18,137.51 |
| Distribution system, underground | | | | | |
| Line transformers..... | 13,647.06 | 1,873.77 | 1,860.22 | 2,220.58 | 6,169.50 |
| Meters..... | 20,504.90 | 1,524.74 | 2,453.66 | 2,433.58 | 4,975.72 |
| Street light equipment, regular... | 2,813.56 | 514.21 | 272.07 | 776.85 | 1,210.77 |
| Street light equipment, ornamental | | | | | |
| Misc. construction expense..... | 7,958.40 | 1,499.15 | 185.41 | 483.19 | 1,077.32 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | 473.20 | | 2,651.15 | 380.94 | 1,506.51 |
| Total plant..... | 114,267.11 | 14,631.20 | 13,171.61 | 12,974.66 | 33,718.80 |
| Bank and cash balance..... | 3,967.25 | 1,414.00 | 1,110.33 | | |
| Securities and investments..... | 40,000.00 | | 5,000.00 | 7,000.00 | 18,000.00 |
| Accounts receivable..... | 10,809.79 | 700.08 | 1,024.73 | 1,049.41 | 3,135.50 |
| Inventories..... | 724.35 | | | 34.66 | 158.32 |
| Sinking fund on local debentures.. | | | | | |
| Equity in Hydro systems..... | 46,089.23 | 1,230.60 | 3,466.51 | 3,109.87 | 8,939.12 |
| Other assets..... | | | | | |
| Total assets..... | 215,857.73 | 17,975.88 | 23,773.18 | 24,168.60 | 63,951.74 |
| Deficit..... | | 480.33 | | | |
| Total..... | 215,857.73 | 18,456.21 | 23,773.18 | 24,168.60 | 63,951.74 |
| LIABILITIES | | | | | |
| Debenture balance..... | 8,745.59 | 9,691.44 | 2,786.78 | 2,379.40 | 11,866.80 |
| Accounts payable..... | 4,873.33 | 3.83 | 68.65 | | 247.26 |
| Bank overdraft..... | | | | 359.76 | 927.94 |
| Other liabilities..... | 1,417.42 | | | | |
| Total liabilities..... | 15,036.34 | 9,695.27 | 2,855.43 | 2,739.16 | 13,052.00 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 46,089.23 | 1,230.60 | 3,466.51 | 3,109.87 | 8,939.12 |
| For depreciation..... | 33,301.53 | 3,721.78 | 3,125.98 | 3,242.49 | 7,883.53 |
| Other reserves..... | | | | | |
| Total reserves..... | 79,390.76 | 4,952.38 | 6,592.49 | 6,352.36 | 16,822.65 |
| SURPLUS | | | | | |
| Debentures paid..... | 33,859.00 | 3,808.56 | 3,713.22 | 3,957.50 | 13,933.20 |
| Local Sinking Fund..... | | | | | |
| Additional operating surplus..... | 87,571.63 | | 10,612.04 | 11,119.58 | 20,143.89 |
| Total surplus..... | 121,430.63 | 3,808.56 | 14,325.26 | 15,077.08 | 34,077.09 |
| Total liabilities, reserves and surplus | 215,857.73 | 18,456.21 | 23,773.18 | 24,168.60 | 63,951.74 |
| Percentage of net debt to total assets | 8.8 | 57.8 | 14.0 | 13.0 | 23.7 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Elmvale P.V. | Elmwood P.V. | Flesherton 412 | Grand Valley 546 | Graven- hurst 1,722 | Hanover 2,700 | Holstein P.V. | Huntsville 2,708 |
|-----------------|-----------------|-------------------|------------------------|---------------------------|------------------|------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 106.25 | | | 36.50 | 2,827.29 | 3,001.32 | | 353.52 |
| 2,273.07 | | | | 6,372.35 | 9,271.19 | | 647.30 |
| 7,568.93 | 4,780.39 | 4,995.09 | 9,689.28 | 17,838.78 | 47,168.77 | 2,067.53 | 12,648.16 |
| 3,135.04 | 803.88 | 697.98 | 1,374.97 | 3,926.93 | 15,395.61 | 555.22 | 4,928.31 |
| 2,686.45 | 820.76 | 1,400.88 | 2,203.80 | 6,799.19 | 14,015.89 | 452.12 | 7,395.00 |
| 388.77 | 302.28 | 411.70 | 468.72 | 805.55 | 2,326.30 | 168.69 | 2,240.20 |
| 510.13 | 1,093.62 | 887.26 | 205.70 | 1,633.15 | 6,861.77 | 205.93 | 284.92 |
| | | | 919.85 | 26,976.29 | 2,370.91 | | 5,436.20 |
| 16,668.64 | 7,800.93 | 8,392.91 | 14,898.82 | 67,179.53 | 100,411.76 | 3,449.49 | 33,933.61 |
| | 976.48 | 2,457.05 | 3,458.38 | 8,694.56 | 8,519.84 | | 9,817.21 |
| 2,000.00 | | | 4,677.98 | 9,800.00 | 27,962.64 | | |
| 873.10 | 315.36 | 995.35 | 1,261.37 | 5,723.64 | 5,746.79 | 326.06 | 3,802.24 |
| | | | | 1,083.70 | | 54.81 | 1,833.22 |
| | 268.80 | | | 5,181.39 | | | |
| 5,218.04 | 849.83 | 1,747.11 | 3,221.35 | 4,925.96 | 24,549.28 | 1,038.48 | 15,594.28 |
| 24,759.78 | 10,211.40 | 13,592.42 | 27,517.90 | 102,588.78 | 167,190.31 | 4,868.84 | 64,980.56 |
| | | | | | | 4,813.28 | |
| 24,759.78 | 10,211.40 | 13,592.42 | 27,517.90 | 102,588.78 | 167,190.31 | 9,682.12 | 64,980.56 |
| 4,507.43 | 4,519.96 | 4,907.45 | 5,955.37 | 22,845.02 | 57,555.21 | 1,188.70 | 8,381.43 |
| 52.18 | | 202.02 | 959.03 | 1,421.24 | 2,789.90 | 5,117.77 | 100.10 |
| 34.66 | | | | | | 20.63 | 30.00 |
| 4,594.27 | 4,519.96 | 5,109.47 | 6,914.40 | 24,266.26 | 60,345.11 | 6,327.10 | 8,511.53 |
| 5,218.04 | 849.83 | 1,747.11 | 3,221.35 | 4,925.96 | 24,549.28 | 1,038.48 | 15,594.28 |
| 4,881.95 | 1,754.09 | 2,160.01 | 4,429.15 | 12,315.37 | 23,555.48 | 743.19 | 8,040.03 |
| | | 226.06 | | | | | |
| 10,099.99 | 2,603.92 | 4,133.18 | 7,650.50 | 17,241.33 | 48,104.76 | 1,781.67 | 23,634.31 |
| 2,492.57 | 2,680.04 | 1,792.55 | 5,044.63 | 41,123.42 | 29,944.79 | 1,573.35 | 12,752.11 |
| | 268.80 | | | 5,181.39 | | | |
| 7,572.95 | 138.68 | 2,557.22 | 7,908.37 | 14,776.38 | 28,795.65 | | 20,082.61 |
| 10,065.52 | 3,087.52 | 4,349.77 | 12,953.00 | 61,081.19 | 58,740.44 | 1,573.35 | 32,834.72 |
| 24,759.78 | 10,211.40 | 13,592.42 | 27,517.90 | 102,588.78 | 167,190.31 | 9,682.12 | 64,980.56 |
| 23.5 | 46.7 | 43.1 | 28.4 | 20.6 | 42.3 | 165.1 | 17.2 |

STATEMENT

Balance Sheets of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Continued**

| Municipality..... | Kincardine | Kirkfield P.V. | Lucknow | Markdale | Meaford |
|---|------------|-------------------|-----------|-----------|-----------|
| Population..... | 2,189 | | 1,026 | 871 | 2,715 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 4,594.68 | | | | 1,102.93 |
| Substation equipment..... | 2,794.20 | | | 780.80 | 2,484.99 |
| Distribution system, overhead... | 36,842.32 | 5,041.33 | 15,242.14 | 8,668.25 | 27,973.20 |
| Distribution system, underground | | | | | |
| Line transformers..... | 6,648.91 | 428.20 | 2,709.92 | 2,997.21 | 6,549.06 |
| Meters..... | 8,070.96 | 463.15 | 3,885.47 | 2,806.61 | 6,735.72 |
| Street light equipment, regular... | 3,791.43 | 379.00 | 1,260.59 | 1,064.92 | 2,692.05 |
| Street light equipment, ornamental | | | | | |
| Misc. construction expense..... | 5,384.28 | 301.53 | 2,217.76 | 640.79 | 2,519.71 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | | 2,080.65 | 3,057.26 |
| Total plant..... | 68,126.78 | 6,613.21 | 25,315.88 | 19,039.23 | 53,114.92 |
| Bank and cash balance..... | 4,873.96 | 534.54 | 1,499.86 | 1,640.49 | 1,630.55 |
| Securities and investments..... | | | 2,000.00 | 2,500.00 | 16,062.87 |
| Accounts receivable..... | 4,701.06 | 514.17 | 2,164.91 | 856.13 | 3,369.41 |
| Inventories..... | 1,008.09 | | | 280.95 | |
| Sinking fund on local debentures. | | | | | |
| Equity in Hydro systems..... | 6,559.95 | 841.00 | 3,228.90 | 2,216.92 | 4,158.74 |
| Other assets..... | | | | | 431.22 |
| Total assets..... | 85,269.84 | 8,502.92 | 34,209.55 | 26,533.72 | 78,767.71 |
| Deficit..... | | 716.57 | | | |
| Total..... | 85,269.84 | 9,219.49 | 34,209.55 | 26,533.72 | 78,767.71 |
| LIABILITIES | | | | | |
| Debture balance..... | 45,286.80 | 4,385.74 | 15,121.03 | 6,850.95 | 41,550.84 |
| Accounts payable..... | 1,933.86 | 1,241.30 | 65.92 | 615.48 | 951.75 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | | | 20.00 | 411.25 |
| Total liabilities..... | 47,220.66 | 5,627.04 | 15,186.95 | 7,486.43 | 42,913.84 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 6,559.95 | 841.00 | 3,228.90 | 2,216.92 | 4,158.74 |
| For depreciation..... | 8,162.88 | 1,137.19 | 2,793.89 | 4,578.34 | 4,429.81 |
| Other reserves..... | | | | | |
| Total reserves..... | 14,722.83 | 1,978.19 | 6,022.79 | 6,795.26 | 8,588.55 |
| SURPLUS | | | | | |
| Debentures paid..... | 18,913.20 | 1,614.26 | 4,602.33 | 2,149.05 | 7,809.36 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 4,413.15 | | 8,397.48 | 10,102.98 | 19,455.96 |
| Total surplus..... | 23,326.35 | 1,614.26 | 12,999.81 | 12,252.03 | 27,265.32 |
| Total liabilities, reserves and surplus | 85,269.84 | 9,219.49 | 34,209.55 | 26,533.72 | 78,767.71 |
| Percentage of net debt to total assets | 59.9 | 73.4 | 49.0 | 30.7 | 57.5 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Midland 7,902 | Mount Forest 1,829 | Neustadt 449 | Orangeville 2,669 | Owen Sound 12,234 | Paisley 720 | Penetang- uishene 3,945 |
|------------------|--------------------------|-----------------|----------------------|-------------------------|----------------|-------------------------------|
| 19,986.05 | 3,725.00 | | 2,585.07 | 29,378.31 | | 2,151.00 |
| 79,186.84 | 686.75 | | 1,169.00 | 11,999.17 | 1,839.78 | 2,696.63 |
| 90,828.57 | 20,456.67 | 9,900.71 | 27,173.26 | 95,609.49 | 10,745.63 | 39,329.95 |
| 19,215.33 | 4,585.70 | 4,261.59 | 4,672.09 | 37,550.23 | 1,437.99 | 14,011.22 |
| 33,058.43 | 5,643.02 | 2,057.85 | 9,089.66 | 53,199.91 | 2,647.29 | 12,332.21 |
| 6,297.02 | 2,267.80 | 496.41 | 1,250.67 | 13,106.88 | 1,037.03 | 2,797.64 |
| 11,904.53 | | | | 12,069.46 | | |
| 8,167.48 | 2,274.40 | 1,495.88 | 6,006.09 | 3,739.50 | 668.75 | 2,206.25 |
| 14,315.62 | 3,958.97 | 1,097.60 | 3,204.99 | 33,282.00 | | |
| | | | | | 1,745.00 | 4,017.05 |
| 282,959.87 | 43,598.31 | 19,310.04 | 55,150.83 | 289,934.95 | 20,121.47 | 79,541.95 |
| 75.00 | 3,821.91 | 692.56 | 2,460.84 | 20,622.96 | 1,036.79 | 5,045.60 |
| | 4,000.00 | | | 1,610.87 | 3,000.00 | 6,294.58 |
| 47,408.47 | 6,400.64 | 309.65 | 7,068.81 | 20,269.78 | 1,684.51 | 4,331.31 |
| 5,594.60 | 70.00 | | 290.04 | 7,222.90 | | 836.29 |
| | | | | 43,827.58 | | |
| 65,891.85 | 8,140.93 | 3,007.60 | 9,068.80 | 43,824.82 | 1,878.80 | 21,502.01 |
| | | | | 8,257.89 | | |
| 401,929.79 | 66,031.79 | 23,319.85 | 74,039.32 | 435,571.75 | 27,721.57 | 117,551.74 |
| | | 8,607.83 | | | | |
| 401,929.79 | 66,031.79 | 31,927.68 | 74,039.32 | 435,571.75 | 27,721.57 | 117,551.74 |
| 55,936.44 | 16,512.95 | 11,201.51 | 18,617.22 | 50,000.00 | 13,439.03 | 24,281.15 |
| 10,417.34 | | 7,569.05 | 7,968.95 | 16,152.75 | 2,372.41 | |
| 6,738.89 | | | | | | |
| 342.22 | | | | 1,607.71 | | |
| 73,434.89 | 16,512.95 | 18,770.56 | 26,586.17 | 67,760.46 | 15,811.44 | 24,281.15 |
| 65,891.85 | 8,140.93 | 3,007.60 | 9,068.80 | 43,824.82 | 1,878.80 | 21,502.01 |
| 68,373.15 | 10,266.37 | 4,351.03 | 12,782.71 | 43,599.53 | 1,538.75 | 22,785.70 |
| | | | 762.43 | 8,257.89 | | |
| 134,265.00 | 18,407.30 | 7,358.63 | 22,613.94 | 95,682.24 | 3,417.55 | 44,287.71 |
| 56,133.55 | 14,445.65 | 5,798.49 | 17,282.78 | 91,000.00 | 2,560.97 | 16,718.85 |
| | | | | 43,827.58 | | |
| 138,096.35 | 16,665.89 | | 7,556.43 | 137,301.47 | 5,931.61 | 32,264.03 |
| 194,229.90 | 31,111.54 | 5,798.49 | 24,839.21 | 272,129.05 | 8,492.58 | 48,982.88 |
| 401,929.79 | 66,031.79 | 31,927.68 | 74,039.32 | 435,571.75 | 27,721.57 | 117,551.74 |
| 21.8 | 28.5 | 92.4 | 40.9 | 6.8 | 61.1 | 25.2 |

STATEMENT

Balance Sheets of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Continued**

| Municipality..... | Port McNicoll 783 | Port Perry 1,155 | Priceville P.V. | Ripley 420 | Shelburne 1,000 |
|---|-------------------------|------------------------|--------------------|---------------|--------------------|
| Population..... | | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | 202.60 | | 68.00 | | 800.00 |
| Substation equipment..... | | 2,564.65 | | | 566.60 |
| Distribution system, overhead... | 7,119.47 | 17,582.04 | 4,625.00 | 8,967.67 | 13,777.95 |
| Distribution system, underground | | | | | |
| Line transformers..... | 1,001.86 | 3,727.36 | 549.70 | 2,885.36 | 4,266.06 |
| Meters..... | 2,113.83 | 3,268.74 | 337.65 | 919.61 | 5,661.33 |
| Street light equipment, regular... | 214.01 | 1,030.40 | 139.88 | 850.83 | 1,037.70 |
| Street light equipment, ornamental | | | | | |
| Misc. construction expense..... | 672.85 | 373.92 | 833.90 | 1,164.99 | 2,277.07 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | | | | 739.50 |
| Total plant..... | 11,324.62 | 28,547.11 | 6,554.13 | 14,788.46 | 29,126.21 |
| Bank and cash balance..... | 1,119.22 | 208.31 | 9.60 | 990.78 | 567.60 |
| Securities and investments..... | | 7,946.66 | | | 5,000.00 |
| Accounts receivable..... | 633.94 | 2,467.14 | | 1,126.88 | 1,801.55 |
| Inventories..... | 104.98 | | | | |
| Sinking fund on local debentures. | | | | | |
| Equity in Hydro systems..... | 1,540.64 | 2,798.23 | 313.90 | 1,597.81 | 5,100.39 |
| Other assets..... | | | | | |
| Total assets..... | 14,723.40 | 41,967.45 | 6,877.63 | 18,503.93 | 41,595.75 |
| Deficit..... | | | 3,833.91 | | |
| Total..... | 14,723.40 | 41,967.45 | 10,711.54 | 18,503.93 | 41,595.75 |
| LIABILITIES | | | | | |
| Debenture balance..... | 4,228.63 | 18,298.98 | 4,748.95 | 12,094.06 | 10,304.12 |
| Accounts payable..... | | 55.40 | 2,512.64 | | |
| Bank overdraft..... | | | | | |
| Other liabilities..... | | | | | |
| Total liabilities..... | 4,228.63 | 18,354.38 | 7,261.59 | 12,094.06 | 10,304.12 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 1,540.64 | 2,798.23 | 313.90 | 1,597.81 | 5,100.39 |
| For depreciation..... | 2,781.94 | 2,962.07 | 885.00 | 1,803.28 | 6,288.53 |
| Other reserves..... | | | | | |
| Total reserves..... | 4,322.58 | 5,760.30 | 1,198.90 | 3,401.09 | 11,388.92 |
| SURPLUS | | | | | |
| Debentures paid..... | 3,071.37 | 1,582.68 | 2,251.05 | 1,877.88 | 9,615.88 |
| Local sinking fund..... | | | | | |
| Additional operating surplus..... | 3,100.82 | 16,270.09 | | 1,130.90 | 10,286.83 |
| Total surplus..... | 6,172.19 | 17,852.77 | 2,251.05 | 3,008.78 | 19,902.71 |
| Total liabilities, reserves and surplus | 14,723.40 | 41,967.45 | 10,711.54 | 18,503.93 | 41,595.75 |
| Percentage of net debt to total assets | 32.0 | 46.8 | 110.6 | 71.5 | 28.2 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| Stayner 951 | Sunderland P.V. | Tara 511 | Teeswater 805 | Thornton P.V. | Tottenham 608 | Uxbridge 1,404 |
|----------------|--------------------|-------------|------------------|------------------|------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 200.00 | | | 330.31 | | 358.50 | 2,657.65 |
| 10,695.91 | 3,832.79 | 10,570.87 | 14,678.49 | 6,406.51 | 7,972.78 | 12,366.08 |
| | | | | | 1,117.48 | |
| 3,910.23 | 1,569.15 | 1,734.39 | 3,040.01 | 860.41 | | 2,984.51 |
| 4,093.46 | 1,680.32 | 1,469.46 | 2,937.27 | 682.86 | 1,680.77 | 3,544.43 |
| 862.60 | 271.09 | 430.59 | 1,381.62 | 375.90 | 460.17 | 1,214.74 |
| | | | | | | |
| 321.33 | 142.22 | 1,243.96 | 1,733.50 | 300.35 | 1,265.68 | 843.50 |
| | | | | | | |
| 4,132.41 | 2,030.00 | | 4,976.86 | | 286.45 | |
| | | | | | | |
| 24,215.94 | 9,525.57 | 15,449.27 | 29,078.06 | 8,626.03 | 13,141.83 | 23,610.91 |
| | | | | | | |
| 1,247.88 | 1,230.34 | 1,962.56 | | 402.57 | 1,134.87 | 548.33 |
| 7,000.00 | | | | | | 8,000.00 |
| 1,011.35 | 691.45 | | 1,177.21 | | 234.24 | 2,456.80 |
| 16.95 | | 21.22 | | | | |
| | | | | | | |
| 4,600.57 | 3,866.61 | 2,426.59 | 3,057.31 | 846.81 | 2,491.89 | 3,005.12 |
| | | | | | | |
| 38,092.69 | 15,313.97 | 19,859.64 | 33,312.58 | 9,875.41 | 17,002.83 | 37,621.16 |
| | | 6,126.34 | 838.12 | 5,078.37 | 3,951.05 | |
| | | | | | | |
| 38,092.69 | 15,313.97 | 25,985.98 | 34,150.70 | 14,953.78 | 20,953.88 | 37,621.16 |
| | | | | | | |
| 6,012.64 | 4,438.77 | 9,745.12 | 17,170.59 | 5,287.05 | 9,366.12 | 16,207.59 |
| 780.97 | 102.96 | 4,117.41 | 184.52 | 4,253.12 | 2,665.27 | 1,000.00 |
| | | | 618.99 | | | |
| | | | | | | |
| 6,793.61 | 4,541.73 | 13,862.53 | 17,974.10 | 9,540.17 | 12,031.39 | 17,207.59 |
| | | | | | | |
| 4,600.57 | 3,866.61 | 2,426.59 | 3,057.31 | 846.81 | 2,491.89 | 3,005.12 |
| 5,826.64 | 2,597.46 | 3,941.98 | 2,289.88 | 2,353.85 | 2,829.62 | 2,180.24 |
| | | | | | | |
| 10,427.21 | 6,464.07 | 6,368.57 | 5,347.19 | 3,200.66 | 5,321.51 | 5,185.36 |
| | | | | | | |
| 7,987.36 | 2,361.23 | 5,754.88 | 10,829.41 | 2,212.95 | 3,600.98 | |
| | | | | | | |
| 12,884.51 | 1,946.94 | | | | | 15,228.21 |
| | | | | | | |
| 20,871.87 | 4,308.17 | 5,754.88 | 10,829.41 | 2,212.95 | 3,600.98 | 15,228.21 |
| | | | | | | |
| 38,092.69 | 15,313.97 | 25,985.98 | 34,150.70 | 14,953.78 | 20,953.88 | 37,621.16 |
| | | | | | | |
| 20.2 | 39.6 | 79.5 | 59.4 | 105.6 | 82.9 | 49.7 |

STATEMENT

Balance Sheets of Electrical Departments of

GEORGIAN BAY SYSTEM—Concluded

| Municipality..... | Victoria Harbor 1,397 | Waubau- shene P.V. | Wingham | Woodville | GEORGIAN BAY SYSTEM SUMMARY |
|---|-----------------------------|--------------------------|------------|-----------|--------------------------------------|
| Population..... | | | 2,316 | 415 | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | | 8,423.66 | | 109,051.14 |
| Substation equipment..... | | | 4,699.84 | | 153,465.38 |
| Distribution system, overhead... | 7,109.68 | 4,600.95 | 33,929.70 | 2,331.71 | 914,846.53 |
| Distribution system, underground | | | | | 64,581.71 |
| Line transformers..... | 1,090.25 | 1,054.81 | 12,558.45 | 1,306.79 | 261,095.29 |
| Meters..... | 2,134.36 | 1,564.91 | 10,830.61 | 1,750.06 | 319,779.30 |
| Street light equipment, regular... | 319.62 | 221.79 | 3,243.12 | 127.31 | 74,465.03 |
| Street light equipment, ornamental | | | | | 30,490.81 |
| Misc. construction expense..... | 642.64 | 257.66 | 4,296.24 | 251.91 | 89,597.36 |
| Steam or hydraulic plant..... | | | 13,200.00 | | 46,482.00 |
| Old plant..... | | | 12,327.52 | 2,182.50 | 164,344.54 |
| Total plant..... | 11,296.55 | 7,700.12 | 103,509.14 | 7,950.28 | 2,228,199.09 |
| Bank and cash balance..... | 2,502.01 | 1,845.90 | 30.00 | 2,911.78 | 114,669.50 |
| Securities and investments..... | | | 6,000.00 | 4,000.00 | 216,576.00 |
| Accounts receivable..... | 814.09 | 829.45 | 7,504.56 | 587.37 | 197,607.19 |
| Inventories..... | | | 3,613.39 | | 25,209.21 |
| Sinking fund on local debentures. | | | | | 51,343.96 |
| Equity in Hydro systems..... | 1,916.34 | 1,080.54 | 7,694.78 | 3,996.88 | 417,260.26 |
| Other assets..... | | | | | 8,689.11 |
| Total assets..... | 16,528.99 | 11,456.01 | 128,351.87 | 19,446.31 | 3,259,554.32 |
| Deficit..... | | | | | 46,586.07 |
| Total..... | 16,528.99 | 11,456.01 | 128,351.87 | 19,446.31 | 3,306,140.39 |
| LIABILITIES | | | | | |
| Debenture balance..... | 3,091.09 | 1,703.41 | 52,876.65 | 3,909.40 | 777,576.65 |
| Accounts payable..... | | 155.62 | 232.60 | 291.43 | 102,825.81 |
| Bank overdraft..... | | | 692.97 | | 10,364.78 |
| Other liabilities..... | | | | | 3,928.60 |
| Total liabilities..... | 3,091.09 | 1,859.03 | 53,802.22 | 4,200.83 | 894,695.84 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 1,916.34 | 1,080.54 | 7,694.78 | 3,996.88 | 417,260.26 |
| For depreciation..... | 3,169.24 | 1,723.60 | 12,709.07 | 1,620.70 | 453,079.47 |
| Other reserves..... | | | | | 9,946.38 |
| Total reserves..... | 5,085.58 | 2,804.14 | 20,403.85 | 5,617.58 | 880,286.11 |
| SURPLUS | | | | | |
| Debentures paid..... | 3,408.91 | 1,796.59 | 43,228.85 | 1,590.60 | 612,605.73 |
| Local sinking fund..... | | | | | 51,343.96 |
| Additional operating surplus..... | 4,943.41 | 4,996.25 | 10,916.95 | 8,037.30 | 867,208.75 |
| Total surplus..... | 8,352.32 | 6,792.84 | 54,145.80 | 9,627.90 | 1,531,158.44 |
| Total liabilities, reserves and surplus | 16,528.99 | 11,456.01 | 128,351.87 | 19,446.31 | 3,306,140.39 |
| Percentage of net debt to total assets | 21.1 | 17.9 | 44.5 | 27.1 | 30.2 |

‘‘A’’—Continued

Hydro Municipalities as at December 31, 1928

ST. LAWRENCE
SYSTEM

| Alexandria 2,267 | Apple Hill P.V. | Brockville 9,133 | Chester ville 1,036 | Finch 361 | Lancaster 588 | Martintown P.V. |
|---------------------|--------------------|-------------------------|------------------------|--------------|-----------------------|--------------------|
| \$ c. 202.00 | \$ c. 169.06 | \$ c. 27,994.53 | \$ c. 250.00 | \$ c. | \$ c. | \$ c. 126.15 |
| 27,637.87 | 2,798.15 | 261.80 69,480.22 | 7,245.54 | 7,157.23 | 6,056.72 | 2,623.20 |
| 8,273.39 | 1,165.70 | 25,791.55 | 2,766.82 | 1,263.85 | 962.35 | 690.33 |
| 6,325.82 | 798.30 | 35,300.02 | 3,394.73 | 1,353.23 | 1,318.55 | 625.95 |
| 2,201.26 | 398.97 | 16,974.76 | 496.35 | 335.50 | 650.65 | 335.26 |
| 5,542.75 | 210.33 | 3,520.73 | 610.68 | 23.24 | 1,068.55 | 653.27 |
| 4,466.89 | 709.55 | 54,579.81 2,400.00 | | | | |
| 54,649.98 | 6,250.06 | 236,303.42 | 14,764.12 | 10,133.05 | 10,056.82 | 5,054.16 |
| 5,947.20 | 404.74 | 25,173.90 | 10,261.16 | 14.82 | 674.84 | 735.46 |
| 4,172.37 | 111.34 | 137,885.59 | 4,000.00 | | | 1,000.00 |
| | | 12,955.35 | 1,297.06 | 9.80 | 199.60 | 121.25 |
| | | 4,542.80 | 751.14 | | | |
| | | 96,721.36 | | | | |
| 7,961.85 | 739.91 | 41,546.75 | 9,715.75 | 212.96 | 1,703.52 | 414.00 |
| 72,731.40 | 7,506.05 | 555,129.17 | 40,789.23 | 10,370.63 | 12,634.78 9,422.69 | 7,324.87 |
| 72,731.40 | 7,506.05 | 555,129.17 | 40,789.23 | 10,370.63 | 22,057.47 | 7,324.87 |
| 31,704.13 | 4,705.86 | 151,657.54 | 3,453.31 | 6,809.71 | 6,472.60 | 4,385.69 |
| 3,011.26 | | 855.63 | 977.46 | 2,582.96 | 9,082.23 | |
| 435.25 | | 13.00 | | | | 3.16 |
| 35,150.64 | 4,705.86 | 152,526.17 | 4,430.77 | 9,392.67 | 15,554.83 | 4,388.85 |
| 7,961.85 | 739.91 | 41,546.75 | 9,715.75 | 212.96 | 1,703.52 | 414.00 |
| 5,914.51 | 713.62 | 38,956.00 | 5,382.74 | | 1,301.30 | 624.60 |
| 13,876.36 | 1,453.53 | 80,502.75 | 15,098.49 | 212.96 | 3,004.82 | 1,038.60 |
| 16,429.71 | 1,294.14 | 75,000.00 | 3,046.69 | 190.29 | 3,497.82 | 1,614.31 |
| 7,274.69 | 52.52 | 96,721.36 150,378.89 | 18,213.28 | 574.71 | | 283.11 |
| 23,704.40 | 1,346.66 | 322,100.25 | 21,259.97 | 765.00 | 3,497.82 | 1,897.42 |
| 72,731.40 | 7,506.05 | 555,129.17 | 40,789.23 | 10,370.63 | 22,057.47 | 7,324.87 |
| 54.2 | 69.5 | 13.3 | 14.2 | 92.4 | 142.2 | 63.5 |

STATEMENT

Balance Sheets of Electrical Departments of

ST. LAWRENCE
SYSTEM—Concluded

| Municipality..... | Maxville | Prescott | Russell P.V. | Williams- burg P.V. | Winchester |
|---|-----------|------------|-----------------|---------------------------|------------|
| Population..... | 782 | 2,709 | | | 1,068 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings..... | | 2,761.54 | | | 299.85 |
| Substation equipment..... | 407.79 | | | | |
| Distribution system, overhead... | 11,063.02 | 35,375.60 | 7,583.04 | 1,613.84 | 8,460.90 |
| Distribution system, underground | | | | | |
| Line transformers..... | 1,736.95 | 10,276.14 | 1,382.48 | 416.89 | 2,192.41 |
| Meters..... | 2,198.88 | 14,571.22 | 1,411.03 | 859.17 | 4,078.93 |
| Street light equipment, regular... | 1,555.82 | 1,741.96 | 482.22 | 152.11 | 605.02 |
| Street light equipment, ornamental | | | | | |
| Misc. construction expense..... | 2,427.80 | 2,287.62 | 1,191.88 | 4.00 | 343.94 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 12,108.35 | | | 1,100.00 |
| Total plant..... | 19,390.26 | 79,122.43 | 12,050.65 | 3,046.01 | 17,081.05 |
| Bank and cash balance..... | 138.09 | 5,261.48 | 202.19 | 549.53 | 3,248.55 |
| Securities and investments..... | | 7,000.00 | | 1,500.00 | 8,000.00 |
| Accounts receivable..... | 12.59 | 2,677.87 | 670.50 | 182.20 | 1,417.88 |
| Inventories..... | | | | | 1,156.03 |
| Sinking fund on local debentures. | | 5,609.79 | | | |
| Equity in Hydro systems..... | 2,198.06 | 10,142.52 | 887.27 | 988.29 | 5,055.93 |
| Other assets..... | | | | | |
| Total assets..... | 21,739.00 | 109,814.09 | 13,810.61 | 6,266.03 | 35,959.44 |
| Deficit..... | 505.25 | | | | |
| Total..... | 22,244.25 | 109,814.09 | 13,810.61 | 6,266.03 | 35,959.44 |
| LIABILITIES | | | | | |
| Debenture balance..... | 11,539.07 | 11,139.22 | 9,091.43 | 1,119.91 | 7,821.45 |
| Accounts payable..... | 1,972.80 | | 527.50 | 142.54 | 1,435.20 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 10.00 | | | | |
| Total liabilities..... | 13,521.87 | 11,139.22 | 9,618.93 | 1,262.45 | 9,256.65 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | 2,198.06 | 10,142.52 | 887.27 | 988.29 | 5,055.93 |
| For depreciation..... | 2,063.39 | 22,817.50 | 433.00 | 1,232.40 | 4,865.41 |
| Other reserves..... | | | | | |
| Total reserves..... | 4,261.45 | 32,960.02 | 1,320.27 | 2,220.69 | 9,921.34 |
| SURPLUS | | | | | |
| Debentures paid..... | 4,460.93 | 12,840.12 | 908.57 | 1,630.09 | 2,828.55 |
| Local sinking fund..... | | 5,609.79 | | | |
| Additional operating surplus..... | | 47,264.94 | 1,962.84 | 1,152.80 | 13,952.90 |
| Total surplus..... | 4,460.93 | 65,714.85 | 2,871.41 | 2,782.89 | 16,781.45 |
| Total liabilities, reserves and surplus | 22,244.25 | 109,814.09 | 13,810.61 | 6,266.03 | 35,959.44 |
| Percentage of net debt to total assets | 69.1 | 5.8 | 74.4 | 23.9 | 29.9 |

"A"—Continued

Hydro Municipalities as at December 31, 1928

| | RIDEAU SYSTEM | | | | | |
|--------------------------------------|----------------------------|-------------------------|-------------------|--------------------|---------------------------|-----------------------------|
| ST. LAWRENCE SYSTEM SUMMARY | Carleton Place 4,228 | Kemptville 1,163 | Lanark 549 | Perth 3,664 | Smiths Falls 7,006 | RIDEAU SYSTEM SUMMARY |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 31,803.13 | 6,255.32 | | | 6,600.50 | 20,128.85 | 32,984.67 |
| 669.59 | 2,471.63 | | | 3,492.82 | 4,845.66 | 10,810.11 |
| 187,095.33 | 32,237.25 | 17,749.31 | 5,475.86 | 37,839.51 | 79,252.35 | 172,554.28 |
| 56,918.86 | 7,534.87 | 4,408.73 | 708.96 | 16,981.63 | 20,424.51 | 50,058.70 |
| 72,235.83 | 13,974.84 | 5,130.52 | 1,308.07 | 18,582.84 | 27,621.36 | 66,617.63 |
| 25,929.88 | 2,585.91 | 1,063.16 | 666.63 | 3,863.07 | 7,433.62 | 15,612.39 |
| 17,884.79 | 8,815.54 | 5,865.58 | 321.60 | 4,902.07 | 6,932.99 | 26,837.78 |
| 54,579.81 | | | | 22,219.44 | 38,251.49 | 60,470.93 |
| 20,784.79 | | | | 2,674.25 | 21,566.48 | 24,240.73 |
| 467,902.01 | 73,875.36 | 34,217.30 | 8,481.12 | 117,156.13 | 226,457.31 | 460,187.22 |
| 52,611.96 | 696.37 | 4,809.76 | | 7,147.58 | 4,608.71 | 17,262.42 |
| 159,385.59 | 11,000.00 | 15,000.00 | 1,982.05 | | 32,000.00 | 59,982.05 |
| 23,827.81 | 4,502.78 | 3,675.53 | 779.19 | 6,368.73 | 7,155.27 | 22,481.50 |
| 6,449.97 | 835.67 | 400.00 | | 6,776.89 | 536.04 | 8,548.60 |
| 102,331.15 | | | | | | |
| 81,566.81 | 15,779.26 | 3,597.66 | 1,193.85 | 12,817.57 | 20,804.18 | 54,192.52 |
| 894,075.30 | 106,689.44 | 61,700.25 | 12,436.21 | 150,266.90 | 291,561.51 | 622,654.31 |
| 9,927.94 | | | | | | |
| 904,003.24 | 106,689.44 | 61,700.25 | 12,436.21 | 150,266.90 | 291,561.51 | 622,654.31 |
| 249,899.92 | 54,401.07 | 21,870.24 | 5,507.79 | 63,649.61 | 124,558.96 | 269,987.67 |
| 20,587.58 | 56.96 | 1,758.82 | | | 5,070.24 | 6,886.02 |
| | | | 160.82 | | | 160.82 |
| 461.41 | 505.00 | | | 972.50 | | 1,477.50 |
| 270,948.91 | 54,963.03 | 23,629.06 | 5,668.61 | 64,622.11 | 129,629.20 | 278,512.01 |
| 81,566.81 | 15,779.26 | 3,597.66 | 1,193.85 | 12,817.57 | 20,804.18 | 54,192.52 |
| 84,304.47 | 6,867.22 | 3,472.80 | 906.67 | 22,184.69 | 45,551.43 | 78,982.81 |
| 165,871.28 | 22,646.48 | 7,070.46 | 2,100.52 | 35,002.26 | 66,355.61 | 133,175.33 |
| 123,741.22 | 11,598.93 | 3,129.76 | 2,053.68 | 44,750.39 | 73,066.04 | 134,598.80 |
| 102,331.15 | | | | | | |
| 241,110.68 | 17,481.00 | 27,870.97 | 2,613.40 | 5,892.14 | 22,510.66 | 76,368.17 |
| 467,183.05 | 29,079.93 | 31,000.73 | 4,667.08 | 50,642.53 | 95,576.70 | 210,966.97 |
| 904,003.24 | 106,689.44 | 61,700.25 | 12,436.21 | 150,266.90 | 291,561.51 | 622,654.31 |
| 23.7 | 60.4 | 40.6 | 50.4 | 47.0 | 47.8 | 48.9 |

STATEMENT

Balance Sheets of Electrical Departments of

THUNDER BAY
SYSTEM

| Municipality | Fort William 22,518 | Nipigon P.V. | Port Arthur 17,413 | THUNDER BAY SYSTEM SUMMARY |
|---|---------------------------|-----------------|-----------------------|----------------------------------|
| Population | | | | |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings | 48,927.62 | | 71,137.74 | 120,065.36 |
| Substation equipment | 115,281.03 | | 138,543.51 | 253,824.54 |
| Distribution system, overhead | 79,384.10 | 10,559.55 | 446,174.38 | 536,118.03 |
| Distribution system, underground | | | | |
| Line transformers | 13,457.25 | 1,285.28 | 44,747.14 | 59,489.67 |
| Meters | 8,433.04 | 1,530.66 | 74,042.48 | 84,006.18 |
| Street light equipment, regular | 1,156.82 | 465.14 | 41,911.58 | 43,533.54 |
| Street light equipment, ornamental | | | | |
| Misc. construction expense | 3,430.88 | 39.03 | 28,678.25 | 32,148.16 |
| Steam or hydraulic plant | | | 348,112.93 | 348,112.93 |
| Old plant | 417,650.00 | | | 417,650.00 |
| Total plant | 687,720.74 | 13,879.66 | 1,193,348.01 | 1,894,948.41 |
| Bank and cash balance | 3,199.40 | 1,207.37 | 19,151.14 | 23,557.91 |
| Securities and investments | | | 503,357.20 | 503,357.20 |
| Accounts receivable | 23,017.05 | 652.72 | 111,106.94 | 134,776.71 |
| Inventories | | | 34,293.34 | 34,293.34 |
| Sinking fund on local debentures | 126,296.68 | | 220,174.31 | 346,470.99 |
| Equity in Hydro systems | 59,089.34 | 316.17 | 207,370.25 | 266,775.76 |
| Other assets | 751.43 | | 867.18 | 1,618.61 |
| Total assets | 900,074.64 | 16,055.92 | 2,289,668.37 | 3,205,798.93 |
| Deficit | 2,992.16 | | | 2,992.16 |
| Total | 903,066.80 | 16,055.92 | 2,289,668.37 | 3,208,791.09 |
| LIABILITIES | | | | |
| Debenture balance | 446,500.00 | 8,810.77 | 436,100.00 | 891,410.77 |
| Accounts payable | 21,260.13 | 185.33 | 93,863.05 | 115,308.51 |
| Bank overdraft | | | | |
| Other liabilities | 5,721.74 | | | 5,721.74 |
| Total liabilities | 473,481.87 | 8,996.10 | 529,963.05 | 1,012,441.02 |
| RESERVES | | | | |
| For equity in H.E.P.C. systems | 59,089.34 | 316.17 | 207,370.25 | 266,775.76 |
| For depreciation | 22,202.70 | 968.00 | 253,434.91 | 276,605.61 |
| Other reserves | 846.21 | | 36,645.74 | 37,491.95 |
| Total reserves | 82,138.25 | 1,284.17 | 497,450.90 | 580,873.32 |
| SURPLUS | | | | |
| Debentures paid | 221,150.00 | 1,189.23 | 200,000.00 | 422,339.23 |
| Local sinking fund | 126,296.68 | | 220,174.31 | 346,470.99 |
| Additional operating surplus | | 4,586.42 | 842,080.11 | 846,666.53 |
| Total surplus | 347,446.68 | 5,775.65 | 1,262,254.42 | 1,615,476.75 |
| Total liabilities, reserves and surplus | 903,066.80 | 16,055.92 | 2,289,668.37 | 3,208,791.09 |
| Percentage of net debt to total assets | 48.5 | 57.1 | 16.6 | 25.7 |

“A”—Continued

Hydro Municipalities as at December 31, 1928

| OTTAWA SYSTEM | | | TRENT SYSTEM | | | |
|---------------|----------|-----------------------|--------------|-----------|------------|-----------|
| Ottawa | Richmond | OTTAWA SYSTEM SUMMARY | Bloomfield | Havelock | Kingston | Lakefield |
| 119,254 | 368 | | 600 | 1,069 | 21,633 | 1,343 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 189,106.66 | | 189,106.66 | | | 183,628.26 | 86.89 |
| 436,830.78 | | 436,830.78 | 410.00 | 572.90 | | |
| 588,411.55 | 5,681.09 | 594,092.64 | 8,684.48 | 19,542.96 | 122,591.43 | 20,610.39 |
| 166,455.32 | | 166,455.32 | | | 104,300.50 | |
| 235,953.84 | 769.40 | 236,723.24 | 859.96 | 2,054.41 | 49,578.50 | 4,125.73 |
| 232,286.57 | 887.26 | 233,173.83 | 2,386.73 | 5,062.93 | 86,312.85 | 6,023.17 |
| 76,044.58 | 155.14 | 76,199.72 | 707.80 | 1,811.18 | 13,321.69 | 1,798.73 |
| 29,978.05 | | 29,978.05 | | | 45,249.17 | |
| 34,221.05 | 612.67 | 34,833.72 | 1,403.42 | 4,553.33 | 49,396.82 | 3,344.64 |
| | | | | | 82,455.44 | |
| | | | | 2,420.45 | 41,289.53 | 3,445.25 |
| 1,989,288.40 | 8,105.56 | 1,997,393.96 | 14,452.39 | 36,018.16 | 778,124.19 | 39,434.80 |
| 3,530.12 | 291.37 | 3,821.49 | 3,648.59 | 336.56 | 18,634.67 | 4,280.80 |
| 153,000.00 | | 153,000.00 | 1,000.00 | 2,500.00 | 50,000.00 | 7,000.00 |
| 57,926.45 | | 57,926.45 | 885.54 | 2,788.16 | 20,139.85 | 2,391.95 |
| 27,931.02 | | 27,931.02 | | | 8,042.16 | |
| 446,736.36 | | 446,736.36 | | | 81,246.15 | |
| | 14.30 | 14.30 | | | | |
| 20.00 | | 20.00 | | | 2,107.24 | |
| 2,678,432.35 | 8,411.23 | 2,686,843.58 | 19,986.52 | 41,642.88 | 958,294.26 | 53,107.55 |
| 2,678,432.35 | 8,411.23 | 2,686,843.58 | 19,986.52 | 41,642.88 | 958,294.26 | 53,107.55 |
| 953,374.17 | 6,500.00 | 959,874.17 | 9,005.26 | 24,365.76 | 226,834.91 | 29,591.70 |
| 60,180.05 | 1,700.94 | 61,880.99 | 412.37 | 1,227.94 | | |
| | | | | | | 50.00 |
| 1,013,554.22 | 8,200.94 | 1,021,755.16 | 9,417.63 | 25,593.70 | 226,834.91 | 29,641.70 |
| | 14.30 | 14.30 | | | | |
| 670,670.91 | | 670,670.91 | 2,615.50 | 3,464.76 | 75,211.51 | 5,399.14 |
| 65,587.94 | | 65,587.94 | | | 41,844.24 | |
| 736,258.85 | 14.30 | 736,273.15 | 2,615.50 | 3,464.76 | 117,055.75 | 5,399.14 |
| 26,625.83 | | 26,625.83 | 2,194.74 | 8,534.24 | 85,065.08 | 3,908.30 |
| 446,736.36 | | 446,736.36 | | | 81,246.15 | |
| 455,257.09 | 195.99 | 455,453.08 | 5,758.65 | 4,050.18 | 448,092.37 | 14,158.41 |
| 928,619.28 | 195.99 | 928,815.27 | 7,953.39 | 12,584.42 | 614,403.60 | 18,066.71 |
| 2,678,432.35 | 8,411.23 | 2,686,843.58 | 19,986.52 | 41,642.88 | 958,294.26 | 53,107.55 |
| 25.4 | 97.6 | 25.6 | 47.1 | 61.4 | 16.5 | 55.8 |

STATEMENT

Balance Sheets of Electrical Departments of

**TRENT
SYSTEM—Concluded**

| Municipality..... | Lindsay | Marmora | Norwood | Omemees | Peterboro' |
|---|------------|-----------|------------|-----------|------------|
| Population | 7,296 | 876 | 754 | 517 | 21,519 |
| ASSETS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Lands and buildings | 10,215.52 | | | | 75,202.75 |
| Substation equipment..... | 3,176.56 | | 457.53 | 360.32 | 86,021.62 |
| Distribution system, overhead... | 62,780.23 | 12,435.81 | 22,806.14 | 10,353.71 | 155,415.52 |
| Distribution system, underground | | | | | |
| Line transformers..... | 15,178.19 | 1,893.38 | 3,664.69 | 2,488.39 | 80,117.36 |
| Meters..... | 28,345.58 | 3,070.33 | 4,537.95 | 2,369.06 | 80,605.76 |
| Street light equipment, regular... | 9,582.57 | 1,088.59 | 1,848.52 | 456.68 | 63,296.55 |
| Street light equip., ornamental... | | | | | |
| Misc. construction expense | 1,319.64 | 2,000.91 | 3,960.11 | 1,540.92 | 54,065.27 |
| Steam or hydraulic plant..... | | | | | |
| Old plant..... | | 573.62 | 2,447.51 | | 17,410.71 |
| Total plant..... | 130,598.29 | 21,062.64 | 39,722.45 | 17,569.08 | 612,135.54 |
| Bank and cash balance..... | 16,859.55 | 4,410.35 | 2,674.65 | 557.45 | 13,380.51 |
| Securities and investments..... | | | 2,000.00 | | 20,000.00 |
| Accounts receivable..... | 5,740.82 | 43.01 | 978.16 | 525.92 | 39,006.93 |
| Inventories..... | 708.43 | | | | 6,256.26 |
| Sinking fund on local debentures. | | | | | 122,049.43 |
| Equity in Hydro systems..... | | | | | |
| Other assets..... | | | 236.41 | | |
| Total assets..... | 153,907.09 | 25,516.00 | 45,611.67 | 18,652.45 | 812,828.67 |
| Deficit..... | | | | | |
| Total..... | 153,907.09 | 25,516.00 | 45 611, 67 | 18,652.45 | 812,828.67 |
| LIABILITIES | | | | | |
| Debenture balance..... | 130,000.00 | 11,800.10 | 32,343.07 | 7,398.60 | 527,920.00 |
| Accounts payable..... | 4,573.60 | 403.84 | 137.37 | 25.00 | 16,188.38 |
| Bank overdraft..... | | | | | |
| Other liabilities..... | 943.50 | 10.00 | 197.95 | | |
| Total liabilities..... | 135,517.10 | 12,213.94 | 32,678.39 | 7,423.60 | 544,108.38 |
| RESERVES | | | | | |
| For equity in H.E.P.C. systems.. | | | | | |
| For depreciation..... | 2,565.00 | 2,212.17 | 4,783.13 | 3,845.58 | 60,448.74 |
| Other reserves..... | | | | | 7,500.20 |
| Total reserves..... | 2,565.00 | 2,212.17 | 4,783.13 | 3,845.58 | 67,948.94 |
| SURPLUS | | | | | |
| Debentures paid..... | | 5,866.01 | 4,756.93 | 4,601.40 | |
| Local sinking fund..... | | | | | 122,049.43 |
| Additional operating surplus..... | 15,824.99 | 5,223.88 | 3,393.22 | 2,781.87 | 78,721.92 |
| Total surplus..... | 15,824.99 | 11,089.89 | 8,150.15 | 7,383.27 | 200,771.35 |
| Total liabilities, reserves and surplus | 153,907.09 | 25,516.00 | 45,611.67 | 18,652.45 | 812,828.67 |
| Percentage of net debt to total assets | 88.0 | 47.8 | 71.6 | 39.7 | 61.1 |

“A”—Concluded

Hydro Municipalities as at December 31, 1928

| Picton 3,288 | Warkworth P.V. | Wellington 822 | Whitby 3,422 | TRENT SYSTEM SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|-----------------|-------------------|-------------------|-----------------|----------------------------|------------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 1,405.07 | | 200.00 | 5,871.79 | 276,610.28 | 7,024,646.76 |
| 2,004.66 | | 615.00 | 13,488.32 | 107,106.91 | 16,866,186.21 |
| 30,439.87 | 5,220.58 | 13,208.00 | 41,490.58 | 525,579.70 | 17,688,050.68 |
| | | | | 104,300.50 | 3,559,288.16 |
| 8,729.55 | 322.11 | 2,999.21 | 8,231.27 | 180,242.75 | 6,549,674.64 |
| 13,819.77 | 1,207.80 | 4,326.11 | 12,466.81 | 250,534.85 | 6,839,802.90 |
| 4,131.66 | 299.74 | 924.82 | 3,625.17 | 102,893.70 | 1,486,646.24 |
| | | | | 45,249.17 | 1,203,706.65 |
| 3,444.16 | 624.19 | 717.28 | 5,422.83 | 131,793.52 | 3,394,626.92 |
| | | | | 82,455.44 | 619,880.93 |
| 3,105.28 | 3,618.02 | 2,477.92 | 1,340.13 | 78,128.42 | 5,032,089.26 |
| 67,080.02 | 11,292.44 | 25,468.34 | 91,936.90 | 1,884,895.24 | 70,264,599.35 |
| 3,214.54 | 404.05 | 1,049.63 | | 69,451.35 | 1,342,367.07 |
| 21,000.00 | 2,500.00 | 5,000.00 | 11,000.00 | 122,000.00 | 1,837,140.51 |
| 6,245.93 | 838.31 | 1,525.11 | 3,567.64 | 84,677.33 | 4,097,446.13 |
| 4,544.47 | | | 77.85 | 19,629.17 | 1,220,186.10 |
| | | | | 203,295.58 | 7,071,273.69 |
| | | | | | 12,326,097.56 |
| | | | | 2,343.65 | 153,275.04 |
| 102,084.96 | 15,034.80 | 33,043.08 | 106,582.39 | 2,386,292.32 | 98,312,385.45 |
| | | | | | 67,378.08 |
| 102,084.96 | 15,034.80 | 33,043.08 | 106,582.39 | 2,386,292.32 | 98,379,763.53 |
| 1,050.51 | 10,391.31 | 13,900.94 | 30,786.26 | 1,055,388.42 | 42,597,175.78 |
| 334.13 | | 24.69 | 2,521.39 | 25,848.71 | 3,074,634.25 |
| | | | 9,549.69 | 9,549.69 | 253,143.81 |
| 247.00 | | | 94.50 | 1,542.95 | 1,258,610.23 |
| 1,631.64 | 10,391.31 | 13,925.63 | 42,951.84 | 1,092,329.77 | 47,183,564.07 |
| | | | | | |
| 7,151.40 | 699.67 | 4,125.21 | 6,963.89 | 179,485.70 | 12,326,097.56 |
| 288.00 | | | | 49,632.44 | 11,140,795.68 |
| | | | | | 1,117,257.63 |
| 7,439.40 | 699.67 | 4,125.21 | 6,963.89 | 229,118.14 | 24,584,150.87 |
| 4,679.81 | 608.69 | 3,099.06 | 25,826.24 | 149,140.50 | 7,928,907.61 |
| | | | | 203,295.58 | 7,071,273.69 |
| 88,334.11 | 3,335.13 | 11,893.18 | 30,840.42 | 712,408.33 | 11,611,867.29 |
| 93,013.92 | 3,943.82 | 14,992.24 | 56,666.66 | 1,064,844.41 | 26,612,048.59 |
| 102,084.96 | 15,034.80 | 33,043.08 | 106,582.39 | 2,386,292.32 | 98,379,763.53 |
| 1.5 | 69.1 | 42.1 | 40.3 | 40.7 | 50.8 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM

| Municipality..... | Acton | Agincourt P.V. | Ailsa Craig | Alvinston | Amherst- burg |
|---|-----------|-------------------|-------------|-----------|------------------|
| Population..... | 1,870 | | 509 | 626 | 3,000 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 9,268.93 | 3,690.80 | 2,340.76 | 3,852.39 | 18,810.12 |
| Commercial light..... | 2,945.23 | 701.72 | 1,522.77 | 2,223.99 | 8,243.91 |
| Commercial power..... | 12,386.73 | 1,596.21 | 1,650.69 | 1,508.07 | 4,092.42 |
| Municipal power..... | 674.75 | | | | |
| Street lighting..... | 1,881.85 | 660.84 | 560.00 | 1,820.00 | 985.91 |
| Merchandise..... | | | | 6.47 | |
| Miscellaneous..... | 328.48 | 90.00 | 211.91 | 138.11 | 194.00 |
| Total earnings..... | 27,485.97 | 6,739.57 | 6,286.13 | 9,549.03 | 32,326.36 |
| EXPENSES | | | | | |
| Power purchased..... | 17,405.21 | 4,557.96 | 4,026.35 | 7,117.82 | 17,140.44 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 1,680.72 | 248.12 | 258.65 | 118.20 | 2,665.18 |
| Line transformer maintenance..... | 76.85 | | | | 136.25 |
| Meter maintenance..... | 54.54 | | | | 219.24 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 255.38 | 50.00 | 77.30 | 46.38 | 284.69 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | | 90.00 | | 1,698.59 |
| General office, salaries and expenses. | 1,129.86 | 397.60 | 48.70 | 503.14 | 749.03 |
| Undistributed expenses..... | 536.53 | | 47.79 | | 407.39 |
| Interest..... | 173.27 | 403.68 | 146.99 | 1,010.22 | 1,521.23 |
| Sinking fund and principal payments on debentures..... | 508.97 | 413.44 | 208.89 | 1,161.97 | 998.47 |
| Total expenses..... | 21,821.33 | 6,070.80 | 4,904.67 | 9,957.73 | 25,820.51 |
| Gross surplus..... | 5,664.64 | 668.77 | 1,381.46 | | 6,505.85 |
| Gross loss..... | | | | 408.70 | |
| Depreciation..... | 1,080.00 | 390.00 | 414.00 | 527.00 | 1,372.00 |
| Net surplus..... | 4,584.64 | 278.77 | 967.46 | | 5,133.85 |
| Net loss..... | | | | 935.70 | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 460 | 130 | 145 | 150 | 604 |
| Commercial light service..... | 75 | 16 | 43 | 58 | 149 |
| Power service..... | 19 | 2 | 2 | 4 | 16 |
| Total..... | 554 | 148 | 190 | 212 | 769 |

*In process of annexation by Hamilton.

"B"

Hydro Municipalities for Year Ended December 31, 1928

| Ancaster Twp. 4,213 | Arkona 386 | Aylmer 2,168 | Ayr 796 | Baden P.V. | Barton Twp.* 7,782 | Beachville P.V. | Belle River 774 |
|---------------------------|---------------|-----------------|------------|---------------|--------------------------|--------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 12,689.96 | 2,208.02 | 11,667.91 | 3,663.39 | 2,765.47 | 21,559.28 | 2,292.85 | 4,294.46 |
| 1,890.06 | 1,221.04 | 8,914.82 | 1,441.86 | 857.43 | 2,419.34 | 951.39 | 1,680.38 |
| 532.48 | 1,044.52 | 4,024.10 | 1,012.17 | 7,177.40 | 5,769.60 | 6,670.67 | 554.31 |
| | | 1,405.80 | | | | | 781.90 |
| 1,076.00 | 1,034.00 | 2,070.33 | 889.98 | 520.00 | 2,804.00 | 528.00 | 900.00 |
| | | | | 2.87 | | 27.15 | |
| | | 1,295.24 | 80.30 | 78.18 | 215.90 | 453.97 | 97.37 |
| 16,188.50 | 5,507.58 | 29,378.20 | 7,087.70 | 11,401.35 | 32,768.12 | 10,924.03 | 8,308.42 |
| | | | | | | | |
| 7,692.86 | 3,794.31 | 13,999.71 | 4,131.27 | 9,596.22 | 14,820.00 | 7,486.72 | 3,052.85 |
| | | | | | | | |
| 1,883.61 | | 2,548.83 | 379.23 | | 555.09 | 481.11 | 546.38 |
| | 150.78 | 109.99 | | 63.24 | 3.90 | | |
| | | 54.55 | 20.50 | | 208.53 | | |
| | | | | | | | |
| 164.46 | 45.90 | 125.45 | 85.32 | 36.46 | 135.74 | 76.85 | 102.62 |
| | | | | | | | |
| | 228.32 | 1,257.11 | 263.10 | 360.24 | 1,137.52 | 309.94 | 245.00 |
| 1,461.52 | 101.22 | 705.92 | 53.05 | 84.90 | 3,569.74 | 131.55 | 134.51 |
| | | 233.79 | 86.18 | 59.56 | 616.71 | 63.63 | 58.00 |
| 1,281.47 | 768.76 | 1,530.83 | 329.79 | 160.98 | 3,275.22 | 184.90 | 449.38 |
| | | | | | | | |
| 342.73 | 430.93 | 979.40 | 137.10 | 164.28 | 4,232.99 | 174.95 | 291.71 |
| 12,826.65 | 5,520.22 | 21,545.58 | 5,485.54 | 10,525.88 | 28,555.44 | 8,909.65 | 4,880.45 |
| | | | | | | | |
| 3,361.85 | | 7,832.62 | 1,602.16 | 875.47 | 4,212.68 | 2,014.38 | 3,427.97 |
| | 12.64 | | | | | | |
| 1,007.00 | 245.00 | 1,100.00 | 520.00 | 296.00 | 2,052.00 | 480.00 | 450.00 |
| | | | | | | | |
| 2,354.85 | | 6,732.62 | 1,082.16 | 579.47 | 2,160.68 | 1,534.38 | 2,977.97 |
| | 257.64 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 588 | 101 | 590 | 190 | 118 | 1,138 | 106 | 169 |
| 40 | 32 | 126 | 47 | 26 | 67 | 28 | 31 |
| 3 | 3 | 13 | 5 | 4 | 6 | 3 | 4 |
| 631 | 136 | 729 | 242 | 148 | 1,211 | 137 | 204 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Blenheim | Blyth | Bolton | Bothwell | Brampton |
|--|-----------|----------|----------|----------|-----------|
| Population..... | 1,547 | 624 | 600 | 630 | 4,897 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 7,101.05 | 2,785.77 | 2,888.39 | 2,702.07 | 29,050.77 |
| Commercial light..... | 4,695.59 | 1,348.57 | 1,107.38 | 1,527.34 | 12,697.33 |
| Commercial power..... | 4,267.58 | 1,079.84 | 2,870.54 | 851.33 | 13,111.66 |
| Municipal power..... | 1,078.06 | | | 180.29 | 2,338.64 |
| Street lighting..... | 2,400.50 | 1,485.00 | 816.60 | 1,337.68 | 4,449.00 |
| Merchandise..... | | | | | |
| Miscellaneous..... | | 225.78 | 107.74 | 386.83 | 1,388.33 |
| Total earnings..... | 19,542.78 | 6,924.96 | 7,790.65 | 6,985.54 | 63,035.73 |
| EXPENSES | | | | | |
| Power purchased..... | 12,842.19 | 3,913.13 | 4,324.30 | 3,928.14 | 49,852.71 |
| Substation operation..... | | | | | 53.13 |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 965.05 | 124.92 | 24.10 | 210.38 | 1,862.94 |
| Line transformer maintenance..... | 10.00 | | | | 153.90 |
| Meter maintenance..... | 28.12 | | 7.25 | | 216.04 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and maintenance..... | 105.49 | 34.68 | 46.18 | 69.44 | 374.85 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 912.09 | | | 208.11 | 1,584.00 |
| General office, salaries and expenses..... | 834.64 | 403.01 | 592.54 | 107.30 | 2,627.80 |
| Undistributed expenses..... | 243.43 | | 71.28 | 102.92 | 479.35 |
| Interest..... | 680.57 | 995.93 | 455.13 | 236.03 | 1,723.63 |
| Sinking fund and principal payments on debentures..... | 356.32 | 758.63 | 416.56 | 127.26 | 3,351.58 |
| Total expenses..... | 16,977.90 | 6,230.30 | 5,937.34 | 4,989.58 | 62,279.93 |
| Gross surplus..... | 2,564.88 | 694.66 | 1,853.31 | 1,995.96 | 755.80 |
| Gross loss..... | | | | | |
| Depreciation..... | 1,059.00 | 330.00 | 229.00 | 453.00 | 2,867.00 |
| Net surplus..... | 1,505.88 | 364.66 | 1,624.31 | 1,542.96 | |
| Net loss..... | | | | | 2,111.20 |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 470 | 135 | 140 | 149 | 1,303 |
| Commercial light service..... | 117 | 45 | 45 | 51 | 224 |
| Power service..... | 13 | 4 | 9 | 6 | 53 |
| Total..... | 600 | 184 | 194 | 206 | 1,580 |

'B'—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Brantford 27,739 | Brantford Twp. 7,163 | Bridge- port* P.V. | Brigden P.V. | Brussels 771 | Burford P.V. | Burgess- ville P.V. | Caledonia 1,460 |
|---------------------|----------------------------|--------------------------|-----------------|-----------------|-----------------|---------------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 147,310.28 | 16,577.40 | 2,332.23 | 2,102.21 | 4,290.32 | 3,530.91 | 1,220.46 | 3,522.74 |
| 33,111.47 | 3,711.40 | 567.89 | 1,764.16 | 2,157.68 | 969.27 | 516.38 | 3,775.46 |
| 110,390.60 | 3,876.03 | 2,347.09 | 1,739.75 | 506.81 | 1,883.82 | 1,177.30 | 3,308.04 |
| 28,507.34 | | | | | | | |
| 33,805.25 | 3,846.90 | 367.50 | 782.00 | 1,387.00 | 888.00 | 322.00 | 1,522.73 |
| ..... | 8.93 | | .65 | | 11.20 | | |
| ..... | 581.60 | | 102.75 | 16.15 | 102.27 | | |
| 353,124.94 | 28,602.26 | 5,614.71 | 6,491.52 | 8,357.96 | 7,385.47 | 3,236.14 | 12,128.97 |
| 237,258.85 | 11,743.57 | 3,044.89 | 5,250.62 | 5,570.15 | 4,348.49 | 2,096.79 | 7,056.69 |
| 4,781.87 | | | | | | | |
| 479.66 | | | | | | | |
| 5,139.24 | 1,753.27 | 40.80 | 60.17 | 462.07 | 434.72 | 63.87 | 100.81 |
| 560.61 | 326.89 | | | | | | 1.95 |
| 456.55 | 56.42 | 15.63 | | | | | 24.24 |
| 309.63 | | | | | | | |
| 4,095.44 | 526.80 | 23.44 | 9.90 | 69.96 | 45.50 | | 106.43 |
| 1,472.52 | | | | | | | |
| 6,301.82 | 391.22 | | 369.12 | | 205.67 | 43.13 | 607.77 |
| 7,972.65 | 3,503.36 | 226.78 | 209.42 | 436.95 | 197.19 | 20.55 | 146.41 |
| 5,792.03 | 961.91 | 75.00 | | | 64.10 | 56.32 | 70.08 |
| 22,569.89 | 2,272.42 | 372.02 | 127.97 | 1,011.16 | 129.65 | 87.33 | 238.66 |
| 20,471.00 | 2,649.06 | 453.64 | 206.74 | 746.12 | 271.56 | 191.46 | 179.69 |
| 317,661.76 | 24,184.92 | 4,252.20 | 6,233.94 | 8,296.41 | 5,696.88 | 2,559.45 | 8,532.73 |
| 35,463.18 | 4,417.34 | 1,362.51 | 257.58 | 61.55 | 1,688.59 | 676.69 | 3,596.24 |
| 17,854.00 | 1,908.00 | 220.00 | 278.00 | 457.00 | 372.00 | 150.00 | 538.00 |
| 17,609.18 | 2,509.34 | 1,142.51 | | | 1,316.59 | 526.69 | 3,058.24 |
| | | | 20.42 | 395.45 | | | |
| 6075 | 698 | 90 | 102 | 176 | 177 | 50 | 222 |
| 694 | 40 | 14 | 40 | 57 | 35 | 20 | 81 |
| 105 | 5 | 3 | 5 | 1 | 4 | 2 | 10 |
| 6,874 | 743 | 107 | 147 | 234 | 216 | 72 | 313 |

*Nine months operation.

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Campbell- ville P.V. | Cayuga | Chatham | Chippawa | Clifford |
|---|----------------------------|----------|------------|-----------|----------|
| Population | 698 | 14,727 | 1,129 | 536 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 1,049.83 | 1,930.20 | 70,881.72 | 5,710.48 | 1,674.29 |
| Commercial light..... | 476.65 | 1,709.01 | 58,388.59 | 1,642.92 | 1,101.08 |
| Commercial power..... | | 1,124.38 | 72,659.24 | 221.24 | 116.52 |
| Municipal power..... | | | 3,861.08 | 2,920.74 | |
| Street lighting..... | 456.00 | 1,384.50 | 14,925.27 | 996.00 | 857.36 |
| Merchandise..... | | | 1,214.61 | | |
| Miscellaneous..... | 79.19 | | 3,710.22 | 8.62 | 78.36 |
| Total earnings..... | 2,061.67 | 6,148.09 | 225,640.73 | 11,500.00 | 3,827.61 |
| EXPENSES | | | | | |
| Power purchased..... | 1,263.53 | 3,864.00 | 126,769.43 | 7,030.35 | 2,406.46 |
| Substation operation..... | | | 6,438.31 | | |
| Substation maintenance..... | | | 1,374.48 | | |
| Distribution system, operation and maintenance..... | 20.67 | 96.34 | 5,135.10 | 1,026.89 | 15.52 |
| Line transformer maintenance..... | | 63.02 | 866.89 | | |
| Meter maintenance..... | | 5.22 | 1,061.84 | 12.75 | |
| Consumers' premises expenses..... | | | 81.70 | | |
| Street lighting, operation and main- tenance..... | | 38.92 | 3,978.29 | 269.05 | 22.94 |
| Promotion of business..... | | 53.61 | | | |
| Billing and collecting..... | | 567.22 | 6,654.46 | 438.76 | |
| General office, salaries and expenses | 172.92 | 52.96 | 14,167.85 | 214.00 | 323.17 |
| Undistributed expenses..... | | 71.05 | 5,371.92 | 212.37 | 57.57 |
| Interest..... | 296.04 | 1,001.29 | 12,649.00 | 665.31 | 410.77 |
| Sinking fund and principal payments on debentures..... | 192.19 | 673.53 | 8,273.39 | 545.46 | 139.68 |
| Total expenses..... | 1,945.35 | 6,487.16 | 192,822.66 | 10,414.94 | 3,376.11 |
| Gross surplus..... | 116.32 | | 32,818.07 | 1,085.06 | 451.50 |
| Gross loss..... | | 339.07 | | | |
| Depreciation..... | 84.00 | 452.00 | 10,652.00 | 631.00 | 187.00 |
| Net surplus..... | 32.32 | | 22,166.07 | 454.06 | 264.50 |
| Net loss..... | | 791.07 | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 37 | 75 | 3,688 | 263 | 81 |
| Commercial light service..... | 8 | 47 | 701 | 28 | 38 |
| Power service..... | | 3 | 126 | 4 | 1 |
| Total..... | 45 | 125 | 4,515 | 295 | 120 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Clinton 1,981 | Comber P.V. | Cottam P.V. | Courtright 396 | Dashwood P.V. | Delaware P.V. | Dorchester P.V. | Drayton 593 |
|------------------|----------------|----------------|-------------------|------------------|------------------|--------------------|----------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 10,297.50 | 2,405.69 | 2,168.52 | 1,834.90 | 1,431.09 | 1,003.22 | 2,594.03 | 2,632.70 |
| 4,656.59 | 2,034.87 | 1,453.47 | 1,117.34 | 985.95 | 777.39 | 937.37 | 1,818.75 |
| 4,309.22 | 3,743.81 | 543.06 | | 1,526.67 | | 621.17 | 1,595.92 |
| 877.94 | | | | | | | |
| 1,938.49 | 648.00 | 440.00 | 850.00 | 574.00 | 247.00 | 501.09 | 840.00 |
| 110.94 | | | | | | | |
| 572.98 | | | 58.60 | 32.15 | 48.84 | 146.29 | 378.33 |
| 22,763.66 | 8,832.37 | 4,605.05 | 3,860.84 | 4,549.86 | 2,076.45 | 4,799.95 | 7,265.70 |
| 14,865.80 | 7,084.03 | 2,001.50 | 2,600.94 | 3,000.89 | 918.83 | 2,453.65 | 4,766.04 |
| 100.00 | | | | | | | |
| 344.79 | 306.59 | 65.36 | 102.35 | 268.34 | 56.70 | 38.43 | 285.00 |
| 65.40 | | 2.74 | | | | | |
| 78.54 | | | | | | 13.00 | 17.80 |
| 223.08 | 36.29 | 5.40 | 111.14 | 26.52 | | 33.32 | 25.81 |
| | 387.00 | | | | | 144.84 | |
| 2,682.27 | 63.90 | 360.13 | 194.45 | 126.29 | 129.82 | 31.50 | 115.65 |
| 159.59 | 70.16 | | | | | 50.00 | 63.07 |
| 2,263.10 | 176.76 | 488.97 | 398.36 | 149.38 | 146.67 | 163.63 | 478.12 |
| 1,305.66 | 364.95 | 272.32 | 443.46 | 84.56 | 113.54 | 116.20 | 215.11 |
| 22,088.23 | 8,489.68 | 3,196.42 | 3,850.70 | 3,655.98 | 1,365.56 | 3,044.57 | 5,966.60 |
| 675.43 | 342.69 | 1,408.63 | 10.14 | 893.88 | 710.89 | 1,755.38 | 1,299.10 |
| 1,544.00 | 336.00 | 261.00 | 162.00 | 145.00 | 127.00 | 329.00 | 405.00 |
| | 6.69 | 1,147.63 | | 748.88 | 583.89 | 1,426.38 | 894.10 |
| 868.57 | | | 151.86 | | | | |
| 497 | 96 | 90 | 67 | 61 | 48 | 127 | 156 |
| 124 | 48 | 25 | 22 | 25 | 17 | 31 | 56 |
| 14 | 2 | 2 | | 1 | | 2 | 5 |
| 635 | 146 | 117 | 89 | 87 | 65 | 160 | 217 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Dresden | Drumbo P.V. | Dublin P.V. | Dundas | Dunnville |
|---|-----------|----------------|----------------|-----------|-----------|
| Population..... | 1,396 | | | 5,005 | 3,387 |
| EARNINGS | | | | | |
| Domestic service..... | 4,824.37 | 1,780.54 | 1,049.90 | 17,987.58 | 9,476.55 |
| Commercial light..... | 4,331.23 | 730.12 | 798.40 | 10,219.07 | 11,127.26 |
| Commercial power..... | 5,167.95 | 842.60 | 1,530.47 | 21,673.82 | 11,183.90 |
| Municipal power..... | 419.33 | | | 470.85 | 2,608.02 |
| Street lighting..... | 1,806.78 | 570.00 | 774.00 | 3,909.65 | 4,154.08 |
| Merchandise..... | 20.29 | | | 360.04 | |
| Miscellaneous..... | 249.50 | 64.65 | 3.88 | 791.16 | 492.49 |
| Total earnings..... | 16,819.45 | 3,987.91 | 4,156.65 | 55,412.17 | 39,042.30 |
| EXPENSES | | | | | |
| Power purchased..... | 12,228.39 | 2,315.89 | 2,742.76 | 36,892.86 | 19,961.85 |
| Substation operation..... | | | | 229.46 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 1,429.91 | 355.44 | 93.44 | 5,439.55 | 1,422.36 |
| Line transformer maintenance..... | | | | 116.87 | |
| Meter maintenance..... | | | 17.29 | 573.85 | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 108.91 | 83 | 63.01 | 701.19 | 254.01 |
| Promotion of business..... | | | | | 177.54 |
| Billing and collecting..... | 259.76 | 239.47 | | 1,033.25 | |
| General office, salaries and expenses | 834.70 | 9.15 | 229.06 | 1,902.09 | 2,890.44 |
| Undistributed expenses..... | | 58.62 | | 1,759.08 | 230.05 |
| Interest..... | 304.52 | 165.01 | 206.85 | 2,281.09 | 3,723.52 |
| Sinking fund and principal payments on debentures..... | 1,036.11 | 127.72 | 335.94 | 1,182.59 | 1,874.66 |
| Total expenses..... | 16,202.30 | 3,272.13 | 3,688.35 | 52,111.88 | 30,534.43 |
| Gross surplus..... | 617.15 | 715.78 | 468.30 | 3,300.29 | 8,507.87 |
| Gross loss..... | | | | | |
| Depreciation..... | 766.00 | 210.00 | 201.00 | 3,075.00 | 2,358.00 |
| Net surplus..... | | 505.78 | 267.30 | 225.29 | 6,149.87 |
| Net loss..... | 148.85 | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 353 | 85 | 37 | 1,171 | 531 |
| Commercial light service..... | 124 | 22 | 24 | 173 | 185 |
| Power service..... | 15 | 2 | 4 | 44 | 28 |
| Total..... | 492 | 109 | 65 | 1,388 | 744 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Dutton 800 | Elmira 2,572 | Elora 1,170 | Embro 443 | Erieau 226 | Erie Beach 27 | Essex 1,809 | Etobicoke Twp. 14,315 |
|---------------|-----------------|----------------|--------------|---------------|------------------|----------------|-----------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,059.47 | 15,013.80 | 5,568.46 | 2,552.71 | 3,029.56 | 1,083.86 | 8,370.34 | 74,314.28 |
| 2,356.95 | 7,001.58 | 3,589.81 | 1,338.97 | 1,002.73 | 262.06 | 6,280.40 | 21,276.30 |
| 2,873.09 | 15,139.71 | 9,017.60 | 1,581.04 | 80.95 | | 5,615.82 | 9,662.44 |
| | 924.50 | | | | | 1,243.07 | 1,487.20 |
| 942.75 | 1,796.00 | 1,602.59 | 756.00 | 420.00 | | 1,508.25 | 12,704.82 |
| 17.04 | | | | | | | |
| 347.33 | 198.65 | 100.11 | | | 2.33 | 292.48 | |
| 9,596.63 | 40,074.24 | 19,878.57 | 6,228.72 | 4,533.24 | 1,348.25 | 23,310.36 | 119,445.04 |
| 6,501.56 | 28,486.34 | 12,838.96 | 3,642.70 | 2,571.97 | 705.41 | 9,261.09 | 53,370.56 |
| 38.55 | 1,436.53 | 1,709.33 | 139.48 | 182.13 | 19.90 | 37.05 | 7,505.05 |
| | 2.57 | | | | | 43.57 | 1,081.86 |
| 25.35 | 94.75 | 77.62 | | | | 20.09 | 446.26 |
| 165.42 | 121.81 | 106.46 | 42.69 | 84.15 | | 29.49 | 1,686.28 |
| | 94.61 | | | | | | 55.15 |
| 671.75 | 1,225.21 | | 160.00 | 53.24 | | 195.99 | 5,317.21 |
| 233.25 | 762.31 | 1,303.23 | 29.47 | 38.85 | 203.45 | 3,030.45 | 4,135.64 |
| 71.79 | 617.38 | 105.36 | 31.50 | 54.00 | | 346.26 | 4,833.37 |
| 393.10 | 1,040.46 | 405.04 | 365.00 | 370.23 | 192.89 | 1,183.92 | 11,576.05 |
| 254.53 | 807.36 | 569.89 | 324.95 | 242.88 | 95.08 | 364.75 | 8,707.43 |
| 8,355.30 | 34,689.33 | 17,115.89 | 4,735.79 | 3,597.45 | 1,216.73 | 14,512.66 | 98,714.86 |
| 1,241.33 | 5,384.91 | 2,762.68 | 1,492.93 | 935.79 | 131.52 | 8,797.70 | 20,730.18 |
| 176.00 | 1,553.00 | 826.00 | 370.00 | 205.00 | 60.00 | 1,101.00 | 9,104.00 |
| 1,065.33 | 3,831.91 | 1,936.68 | 1,122.93 | 730.79 | 71.52 | 7,696.70 | 11,626.18 |
| 200 | 494 | 281 | 97 | 118 | 55 | 404 | 3,326 |
| 69 | 118 | 75 | 43 | 9 | 2 | 116 | 325 |
| 7 | 20 | 3 | 2 | 1 | | 18 | 20 |
| 276 | 632 | 359 | 142 | 128 | 57 | 538 | 3,671 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Exeter | Fergus | Fonthill | Ford City | Forest |
|--|-----------|-----------|----------|------------|-----------|
| Population..... | 1,590 | 2,184 | 708 | 13,105 | 1,443 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 9,551.38 | 11,085.50 | 3,965.13 | 78,452.96 | 9,858.99 |
| Commercial light..... | 4,182.82 | 5,583.78 | 753.05 | 21,708.21 | 4,743.05 |
| Commercial power..... | 6,033.75 | 6,872.68 | 126.77 | 69,047.52 | 3,574.52 |
| Municipal power..... | 529.96 | 418.24 | 269.05 | ..... | 804.28 |
| Street lighting..... | 1,881.24 | 2,560.34 | 720.00 | 7,362.42 | 2,253.00 |
| Merchandise..... | 51.26 | ..... | ..... | ..... | 729.15 |
| Miscellaneous..... | 324.11 | 83.46 | 2.22 | ..... | 676.16 |
| Total earnings..... | 22,554.52 | 26,604.00 | 5,836.22 | 176,571.11 | 22,639.15 |
| EXPENSES | | | | | |
| Power purchased..... | 13,355.11 | 14,602.32 | 3,112.79 | 111,670.21 | 11,456.75 |
| Substation operation..... | ..... | ..... | ..... | ..... | ..... |
| Substation maintenance..... | ..... | ..... | ..... | ..... | ..... |
| Distribution system, operation and maintenance..... | 527.94 | 2,607.76 | 354.13 | 9,283.36 | 714.23 |
| Line transformer maintenance..... | 3.00 | 73.52 | ..... | ..... | ..... |
| Meter maintenance..... | 39.77 | 75.29 | 13.30 | ..... | ..... |
| Consumers' premises expenses..... | ..... | ..... | ..... | ..... | ..... |
| Street lighting, operation and maintenance..... | 318.48 | 254.65 | 48.03 | 1,980.58 | 375.80 |
| Promotion of business..... | ..... | ..... | ..... | ..... | ..... |
| Billing and collecting..... | 328.82 | 595.71 | 505.80 | ..... | 721.66 |
| General office, salaries and expenses | 2,717.05 | 710.15 | 195.00 | 9,849.29 | 2,889.19 |
| Undistributed expenses..... | 747.70 | 511.78 | ..... | ..... | 450.63 |
| Interest..... | 666.50 | 1,999.13 | 1,161.22 | 7,291.24 | 935.39 |
| Sinking fund and principal payments on debentures..... | 752.55 | 2,146.90 | 605.13 | 5,083.54 | 1,516.88 |
| Total expenses..... | 19,456.92 | 23,577.21 | 5,995.40 | 145,158.22 | 19,060.53 |
| Gross surplus..... | 3,097.60 | 3,026.79 | ..... | 31,412.89 | 3,578.62 |
| Gross loss..... | ..... | ..... | 159.18 | ..... | ..... |
| Depreciation..... | 1,046.00 | 1,134.00 | 378.00 | 5,823.00 | 1,144.00 |
| Net surplus..... | 2,051.60 | 1,892.79 | ..... | 25,589.89 | 2,434.62 |
| Net loss..... | ..... | ..... | 537.18 | ..... | ..... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 427 | 524 | 203 | 2,882 | 431 |
| Commercial light service..... | 111 | 109 | 20 | 288 | 122 |
| Power service..... | 11 | 14 | 4 | 37 | 23 |
| Total..... | 549 | 647 | 227 | 3,207 | 576 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Galt 12,576 | George- town 1,970 | Glencoe 782 | Goderich 4,242 | Granton P.V. | Guelph 19,007 | Hagers- ville 1,227 | Hamilton 123,359 |
|----------------|--------------------------|----------------|-------------------|-----------------|------------------|---------------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 102,358.16 | 10,454.45 | 4,785.53 | 22,104.85 | 1,430.60 | 84,210.34 | 3,885.43 | 665,475.43 |
| 45,643.16 | 5,283.40 | 3,163.54 | 10,502.07 | 957.04 | 48,776.76 | 3,865.38 | 148,218.82 |
| 81,047.62 | 17,498.97 | 2,514.78 | 18,186.12 | 1,239.79 | 98,829.72 | 30,096.60 | 697,882.05 |
| 5,230.07 | 960.45 | ..... | 3,190.68 | ..... | 21,340.74 | ..... | 67,951.10 |
| 20,904.02 | 2,272.09 | 1,874.00 | 3,728.50 | 350.00 | 16,944.23 | 1,200.00 | 90,643.33 |
| 1,122.28 | 75.17 | 6.95 | 449.47 | ..... | 540.13 | 317.31 | 7,281.63 |
| 3,551.18 | 1,032.16 | 91.38 | 349.54 | 82.13 | 3,471.72 | 294.46 | 12,691.52 |
| 259,856.49 | 37,576.69 | 12,436.18 | 58,511.23 | 4,059.56 | 274,113.64 | 39,659.18 | 1,690,143.88 |
| 160,013.04 | 25,038.24 | 8,028.90 | 40,508.89 | 2,643.02 | 191,184.01 | 28,624.64 | 1,155,207.64 |
| 4,798.43 | ..... | ..... | 3,279.86 | ..... | ..... | ..... | 27,614.29 |
| 394.26 | ..... | ..... | ..... | ..... | 2,059.52 | ..... | 3,226.10 |
| 3,210.99 | 1,398.10 | 487.07 | 1,272.65 | 15.64 | 4,980.88 | 1,366.89 | 27,428.05 |
| 59.83 | ..... | ..... | 72.91 | ..... | 1,893.88 | 117.85 | 3,218.94 |
| 1,354.57 | 140.02 | ..... | 80.81 | ..... | 3,039.89 | 100.59 | 11,751.62 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7,895.72 |
| 2,538.80 | 314.23 | 289.42 | 481.13 | 13.45 | 5,254.48 | 135.53 | 12,643.43 |
| 597.62 | ..... | ..... | ..... | ..... | 465.89 | ..... | 8,358.31 |
| 2,422.88 | ..... | 679.76 | 534.36 | 87.65 | 4,311.94 | 1,201.62 | 30,971.02 |
| 3,051.23 | 2,994.14 | 494.55 | 2,364.31 | 43.07 | 10,038.53 | 610.01 | 44,983.08 |
| 5,428.96 | 734.82 | 117.33 | 827.51 | 54.20 | 2,782.62 | 510.14 | 15,184.47 |
| 24,795.42 | 881.02 | 755.31 | 1,989.94 | 165.20 | 2,676.51 | 257.93 | 123,607.36 |
| 17,328.22 | 571.96 | 750.95 | 2,557.96 | 89.07 | 5,672.39 | 292.87 | 108,086.33 |
| 225,994.25 | 32,072.53 | 11,603.29 | 53,970.33 | 3,111.30 | 234,360.54 | 33,218.07 | 1,580,176.36 |
| 33,862.24 | 5,504.16 | 832.89 | 4,540.90 | 948.26 | 39,753.10 | 6,441.11 | 109,967.52 |
| 16,455.08 | 1,522.00 | 696.00 | 1,445.00 | 177.00 | 11,249.00 | 794.00 | 54,801.19 |
| 17,407.16 | 3,982.16 | 136.89 | 3,095.90 | 771.26 | 28,504.10 | 5,647.11 | 55,166.33 |
| | | | | | | | |
| 3,326 | 600 | 210 | 1,100 | 75 | 4,763 | 266 | 28,892 |
| 497 | 131 | 70 | 203 | 31 | 676 | 99 | 3,105 |
| 121 | 27 | 5 | 19 | 1 | 125 | 13 | 790 |
| 3,944 | 758 | 285 | 1,322 | 107 | 5,564 | 378 | 32,787 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Harriston | Harrow P.V. | Hensall | Hespeler | Highgate |
|---|-----------|----------------|----------|-----------|----------|
| Population..... | 1,237 | | 732 | 2,815 | 398 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 4,701.57 | 6,088.47 | 3,542.24 | 15,474.86 | 1,550.19 |
| Commercial light..... | 3,211.84 | 3,664.98 | 1,465.56 | 5,127.05 | 1,057.66 |
| Commercial power..... | 5,268.36 | 2,226.23 | 2,823.14 | 14,562.72 | 3,094.83 |
| Municipal power..... | 564.65 | | | 688.39 | |
| Street lighting..... | 1,330.00 | 756.03 | 875.63 | 2,300.00 | 550.00 |
| Merchandise..... | | | | | 3.75 |
| Miscellaneous..... | 83.07 | | 266.71 | 398.18 | 114.74 |
| Total earnings..... | 15,159.49 | 12,735.71 | 8,973.28 | 38,551.20 | 6,371.17 |
| EXPENSES | | | | | |
| Power purchased..... | 10,146.66 | 7,053.41 | 4,957.62 | 26,649.87 | 4,134.70 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | 669.12 | |
| Distribution system, operation and maintenance..... | 1,129.50 | 1,001.91 | 546.62 | 2,417.92 | 194.77 |
| Line transformer maintenance..... | 50.40 | 15.15 | | 107.19 | |
| Meter maintenance..... | 72.96 | 12.90 | | 14.35 | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 70.36 | 9.90 | 142.14 | 207.00 | 38.64 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | | 338.74 | | 330.00 |
| General office, salaries and expenses..... | 645.13 | 459.63 | 351.90 | 1,841.57 | 123.51 |
| Undistributed expenses..... | 209.27 | | 41.00 | 857.85 | 79.98 |
| Interest..... | 644.74 | 538.01 | 526.97 | 1,376.72 | 202.03 |
| Sinking fund and principal payments on debentures..... | 1,032.81 | 388.51 | 335.46 | 2,317.84 | 128.73 |
| Total expenses..... | 14,001.83 | 9,479.42 | 7,240.45 | 36,459.43 | 5,232.36 |
| Gross surplus..... | 1,157.66 | 3,256.29 | 1,732.83 | 2,091.77 | 1,138.81 |
| Gross loss..... | | | | | |
| Depreciation..... | 706.00 | 493.00 | 521.00 | 1,918.00 | 278.00 |
| Net surplus..... | 451.66 | 2,763.29 | 1,211.83 | 173.77 | 860.81 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 298 | 198 | 160 | 670 | 93 |
| Commercial service..... | 97 | 67 | 58 | 105 | 33 |
| Power service..... | 12 | 4 | 12 | 19 | 6 |
| Total..... | 407 | 269 | 230 | 794 | 132 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Humberstone 1,766 | Ingersoll 4,997 | Jarvis 468 | Kingsville 2,346 | Kitchener 25,856 | Lambeth P.V. 647 | La Salle 647 | Leamington 5,011 |
|----------------------|--------------------|---------------|---------------------|---------------------|------------------------|-----------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 9,065.78 | 31,239.35 | 1,434.33 | 12,902.45 | 158,947.57 | 3,025.70 | 7,904.70 | 20,771.80 |
| 3,287.35 | 15,081.78 | 1,247.13 | 7,066.19 | 93,380.36 | 877.86 | 3,261.26 | 12,748.20 |
| 5,766.22 | 26,001.66 | 4,123.53 | 3,649.12 | 215,673.63 | ..... | 2,342.16 | 6,364.07 |
| ..... | 1,684.88 | ..... | 1,036.44 | 26,837.29 | 314.14 | ..... | 2,246.02 |
| 1,272.00 | 4,568.08 | 784.00 | 4,096.00 | 31,861.64 | 439.00 | 1,088.04 | 6,699.80 |
| ..... | 617.16 | ..... | ..... | 1,815.92 | ..... | ..... | ..... |
| 30.26 | 1,690.46 | ..... | 1,496.80 | 3,067.44 | 16.50 | ..... | 815.63 |
| 19,421.61 | 80,883.37 | 7,588.99 | 30,247.00 | 531,583.85 | 4,673.20 | 14,596.16 | 49,645.52 |
| 8,204.63 | 53,936.74 | 5,247.68 | 13,402.22 | 366,329.79 | 3,373.54 | 6,831.37 | 24,948.13 |
| ..... | 312.73 | ..... | ..... | 8,352.24 | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | 4,105.07 | ..... | ..... | ..... |
| 901.79 | 3,124.96 | 20.57 | 3,203.30 | 14,340.72 | 70.69 | 1,381.45 | 4,391.44 |
| ..... | 275.66 | ..... | 38.13 | 665.34 | ..... | 12.55 | 56.61 |
| 27.94 | 447.90 | ..... | 51.51 | 3,987.97 | ..... | 92.79 | 56.11 |
| ..... | ..... | ..... | ..... | 987.94 | ..... | ..... | ..... |
| 215.44 | 1,102.61 | 5.40 | 533.47 | 7,113.65 | 29.69 | 94.82 | 576.47 |
| ..... | ..... | ..... | ..... | 785.00 | ..... | ..... | ..... |
| ..... | 1,036.47 | 399.06 | 1,133.04 | 8,597.34 | ..... | ..... | 304.70 |
| 614.11 | 2,897.75 | 80.85 | 516.35 | 9,849.53 | 192.35 | 873.81 | 3,096.23 |
| 50.00 | 1,517.02 | 56.85 | 618.35 | 5,569.55 | ..... | ..... | 1,577.85 |
| 1,695.00 | 3,345.10 | 473.81 | 2,048.69 | 16,062.16 | 182.64 | 791.06 | 2,630.75 |
| 1,700.00 | 1,677.35 | 373.06 | 504.68 | 18,996.53 | 107.96 | 473.44 | 1,554.11 |
| 13,408.91 | 69,674.29 | 6,657.28 | 22,049.74 | 465,742.83 | 3,956.87 | 10,551.29 | 39,192.40 |
| 6,012.70 | 11,209.08 | 931.71 | 8,197.26 | 65,841.02 | 716.33 | 4,044.87 | 10,453.12 |
| 780.00 | 3,550.00 | 299.00 | 1,366.00 | 22,581.00 | 242.00 | 517.00 | 2,299.00 |
| 5,232.70 | 7,659.08 | 632.71 | 6,831.26 | 43,260.02 | 474.33 | 3,527.87 | 8,154.12 |
| 395 | 1,309 | 78 | 682 | 6,101 | 96 | 152 | 1,196 |
| 61 | 252 | 37 | 149 | 866 | 16 | 24 | 236 |
| 8 | 46 | 4 | 16 | 230 | 1 | 2 | 23 |
| 464 | 1,607 | 119 | 847 | 7,197 | 113 | 178 | 1,455 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**NIAGARA
SYSTEM—Continued**

| Municipality..... | Listowel | London | London Twp. 7,431 | Lucan | Lynden P.V. |
|---|-----------|--------------|-------------------------|----------|----------------|
| Population..... | 2,448 | 64,293 | | 574 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 13,640 73 | 407,173.65 | 7,585.12 | 4,343.57 | 1,541.66 |
| Commercial light..... | 7,593.55 | 194,574.65 | 717.23 | 1,348.43 | 763.24 |
| Commercial power..... | 8,610 77 | 411,532.26 | 1,036.01 | 2,217.36 | 891.33 |
| Municipal power..... | 1,400.56 | 31,051.88 | | | |
| Street lighting..... | 3,177.95 | 44,236.64 | 612.00 | 1,027.85 | 374.18 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 414 48 | 30,917.69 | 127.35 | 356.52 | 138.59 |
| Total earnings..... | 34,838 04 | 1,119,486.77 | 10,077.71 | 9,293.73 | 3,709.00 |
| EXPENSES | | | | | |
| Power purchased..... | 22,508.28 | 602,703.70 | 5,712 73 | 5,127 25 | 3,184 22 |
| Substation operation..... | | 14,929.28 | | | |
| Substation maintenance..... | 62 06 | 9,409.45 | | | |
| Distribution system, operation and maintenance..... | 2,683 21 | 5,280.45 | 426.24 | 960.00 | 69.99 |
| Line transformer maintenance..... | 13.05 | 2,236.28 | | | |
| Meter maintenance..... | 208.02 | 16,931.67 | | | |
| Consumers' premises expenses..... | | 2,396.40 | | | |
| Street lighting, operation and main- tenance..... | 309.63 | 4,833.36 | 91.60 | 64.14 | 39.83 |
| Promotion of business..... | | 4,560.94 | | | |
| Billing and collecting..... | | 18,589.91 | 319.55 | 197.99 | 150.00 |
| General office, salaries and expenses | 1,413.65 | 36,392.43 | 316.21 | 243.82 | 13.84 |
| Undistributed expenses..... | 537.05 | 14,842.02 | | 81.51 | 4.00 |
| Interest..... | 1,109.20 | 65,450.29 | 889.26 | 326.00 | 192.80 |
| Sinking fund and principal payments on debentures..... | 2,788.41 | 53,298.19 | 729.06 | 492.45 | 117.98 |
| | 31,632.56 | 851,854.37 | 8,484.65 | 7,493.16 | 3,772.66 |
| Gross surplus..... | 3,205.48 | 267,632.40 | 1,593.06 | 1,800.57 | |
| Gross loss..... | | | | | 63.66 |
| Depreciation..... | 1,849.00 | 71,629.90 | 472.00 | 475.00 | 77.00 |
| Net surplus..... | 1,356.48 | 196,002.50 | 1,121.06 | 1,325.57 | |
| Net loss..... | | | | | 140.66 |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 659 | 16,319 | 283 | 167 | 75 |
| Commercial light service..... | 155 | 2,377 | 11 | 41 | 21 |
| Power service..... | 22 | 517 | 3 | 9 | 1 |
| Total..... | 836 | 19,213 | 297 | 217 | 97 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Markham 956 | Merlin P.V. | Merritton 2,520 | Milton 1,875 | Milverton 947 | Mimico 5,491 | Mitchell 1,640 | Moorefield P.V. |
|----------------|----------------|--------------------|-----------------|------------------|-----------------|-------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 4,766.95 | 1,799.61 | 11,170.10 | 9,709.79 | 4,253.99 | 47,531.39 | 8,220.86 | 726.24 |
| 2,449.04 | 1,392.52 | 1,825.32 | 4,660.79 | 2,399.21 | 8,074.71 | 4,355.51 | 744.78 |
| 3,104.80 | 3,808.84 | 13,534.19 | 31,154.06 | 15,896.59 | 6,340.26 | 5,779.11 | 1,388.05 |
| 187.51 | | | | 328.18 | 3,554.44 | 819.86 | |
| 1,430.00 | 688.00 | 2,565.00 | 2,170.10 | 990.00 | 5,706.13 | 1,944.00 | 375.00 |
| | | | | | | 871.03 | |
| 165.41 | 270.00 | | 1,049.60 | 414.56 | 1,118.57 | 186.81 | 57.41 |
| 12,103.71 | 7,958.97 | 29,094.61 | 48,744.34 | 24,282.53 | 72,325.50 | 22,177.18 | 3,291.48 |
| 6,083.97 | 6,005.34 | 21,863.83 | 32,909.68 | 18,161.48 | 40,066.24 | 13,389.26 | 2,387.33 |
| | | | 15.70 | | | | |
| | | | | | 21.63 | 241.05 | |
| 1,363.67 | 121.63 | 2,890.49 | 2,339.56 | 322.24 | 6,669.46 | 945.42 | 16.92 |
| | | | 36.69 | | 10.36 | | |
| | | 9.75 | 90.47 | 68.68 | 65.15 | 87.51 | 2.10 |
| 52.84 | 35.50 | 282.56 | 179.85 | 120.44 | 807.86 | 278.40 | 46.63 |
| | | | 188.97 | | 47.15 | | |
| | 300.00 | | 175.18 | | 1,408.37 | | |
| 944.82 | 24.65 | 1,914.98 | 2,071.92 | 795.89 | 1,677.53 | 2,010.96 | 161.30 |
| | 57.11 | 204.13 | 1,109.50 | 121.28 | 2,672.51 | 421.64 | |
| 301.22 | 651.35 | 707.21 | 2,394.24 | 299.39 | 4,909.53 | 141.24 | 165.67 |
| 608.83 | 502.00 | 1,433.59 | 1,257.50 | 518.08 | 3,691.76 | 538.10 | 219.77 |
| 9,355.35 | 7,697.58 | 29,306.54 | 42,769.26 | 20,407.48 | 62,047.55 | 18,053.58 | 2,999.72 |
| 2,748.36 | 261.39 | | 5,975.08 | 3,875.05 | 10,277.95 | 4,123.60 | 291.76 |
| | | 211.93 | | | | | |
| 490.00 | 284.00 | 1,310.00 | 1,422.00 | 569.00 | 3,923.00 | 1,055.00 | 151.00 |
| 2,258.36 | | | 4,553.08 | 3,306.05 | 6,354.95 | 3,068.60 | 140.76 |
| | 22.61 | 1,521.93 | | | | | |
| 237 | 96 | 605 | 440 | 208 | 1,524 | 433 | 48 |
| 63 | 38 | 55 | 92 | 21 | 120 | 117 | 27 |
| 10 | 4 | 4 | 21 | 9 | 14 | 27 | 2 |
| 310 | 138 | 664 | 553 | 238 | 1,658 | 577 | 77 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Mount Brydges P.V. | Newbury | New Hamburg | New Toronto | Niagara Falls |
|---|--------------------------|----------|----------------|----------------|------------------|
| Population..... | 285 | 1,394 | 5,023 | 18,492 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 2,334.76 | 983.20 | 8,272.96 | 24,945.18 | 138,085.08 |
| Commercial light..... | 811.39 | 448.86 | 3,977.56 | 7,834.23 | 54,356.83 |
| Commercial power..... | 1,054.35 | 674.10 | 7,421.51 | 104,551.04 | 63,532.37 |
| Municipal power..... | | | | 10,811.16 | 15,291.08 |
| Street lighting..... | 440.00 | 690.00 | 2,198.25 | 6,786.68 | 30,709.00 |
| Merchandise..... | | | 265.96 | | |
| Miscellaneous..... | 313.73 | 48.95 | 367.94 | 2,181.04 | 37.50 |
| Total earnings..... | 4,954.23 | 2,845.11 | 22,504.18 | 157,109.33 | 302,011.86 |
| EXPENSES | | | | | |
| Power purchased..... | 2,805.58 | 1,804.35 | 15,822.97 | 122,483.98 | 158,588.18 |
| Substation operation..... | | | | | 7,110.04 |
| Substation maintenance..... | | | 373.88 | | |
| Distribution system, operation and maintenance..... | | 19.45 | 511.77 | 4,860.40 | 6,735.63 |
| Line transformer maintenance..... | 68.62 | | 70.33 | 356.36 | 918.57 |
| Meter maintenance..... | | | 125.58 | 626.39 | 3,791.76 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 11.58 | 22.44 | 260.53 | 1,166.25 | 4,607.78 |
| Promotion of business..... | | | | 515.57 | 107.97 |
| Billing and collecting..... | 102.37 | | 743.66 | 2,913.14 | 5,053.97 |
| General office, salaries and expenses | 231.66 | 217.25 | 728.17 | 3,122.47 | 9,731.61 |
| Undistributed expenses..... | 68.00 | | 600.35 | 3,614.42 | 7,455.33 |
| Interest..... | 173.51 | 426.00 | 746.58 | 281.99 | 22,005.54 |
| Sinking fund and principal payments on debentures..... | 116.85 | 400.00 | 620.97 | 238.41 | 22,111.17 |
| Total expenses..... | 3,578.17 | 2,889.49 | 20,604.79 | 140,179.38 | 248,217.55 |
| Gross surplus..... | 1,376.06 | | 1,899.39 | 16,929.95 | 53,794.31 |
| Gross loss..... | | 44.38 | | | |
| Depreciation..... | 262.00 | 216.00 | 1,092.00 | 3,568.00 | 18,695.00 |
| Net surplus..... | 1,114.06 | | 807.39 | 13,361.95 | 35,099.31 |
| Net loss..... | | 260.38 | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 120 | 58 | 327 | 1,127 | 4,270 |
| Commercial light service..... | 30 | 22 | 95 | 119 | 682 |
| Power service..... | 3 | 1 | 12 | 23 | 88 |
| Total..... | 153 | 81 | 434 | 1,269 | 5,040 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Niagara-on-the-Lake 1,605 | Norwich 1,297 | Oil Springs 428 | Otterville P.V. | Palmerston 1,708 | Paris 4,130 | Parkhill 964 | Petrolia 2,583 |
|------------------------------|------------------|--------------------|--------------------|---------------------|----------------|-----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 11,555.29 | 6,961.06 | 1,438.88 | 1,797.68 | 8,791.63 | 21,772.70 | 4,395.98 | 10,838.80 |
| 2,908.44 | 2,976.15 | 1,018.43 | 1,490.49 | 4,725.54 | 6,469.37 | 2,809.07 | 6,756.06 |
| 454.27 | 1,692.59 | 9,975.53 | 858.49 | 6,254.80 | 12,921.18 | 1,046.03 | 22,683.61 |
| 1,677.07 | 773.04 | ..... | 65.60 | 1,123.61 | 1,225.00 | 558.08 | 5,382.60 |
| 2,410.34 | 1,920.00 | 738.00 | 372.00 | 1,423.92 | 6,310.50 | 1,418.50 | 2,532.60 |
| ..... | 831.32 | ..... | ..... | ..... | 81.18 | ..... | 161.18 |
| ..... | 568.58 | 153.49 | ..... | 230.93 | 932.01 | 17.75 | 537.66 |
| 19,005.41 | 15,722.74 | 13,324.33 | 4,584.26 | 22,550.43 | 49,711.94 | 10,245.41 | 48,892.51 |
| 10,426.79 | 8,645.40 | 9,120.66 | 2,600.63 | 15,556.84 | 31,930.87 | 6,920.91 | 34,102.71 |
| ..... | ..... | ..... | ..... | ..... | 143.54 | ..... | ..... |
| 2,081.08 | 1,202.26 | 898.20 | 163.36 | 1,479.67 | 4,949.75 | 268.70 | 1,973.93 |
| ..... | ..... | ..... | ..... | ..... | 769.00 | ..... | 120.12 |
| 57.36 | 86.62 | ..... | ..... | 113.05 | 647.13 | ..... | 21.58 |
| 389.73 | 124.07 | ..... | 14.40 | 244.03 | 928.40 | 59.02 | 369.21 |
| 66.97 | ..... | 185.19 | ..... | ..... | ..... | ..... | ..... |
| ..... | 669.70 | 110.64 | 102.59 | ..... | 589.25 | ..... | 759.50 |
| 1,728.62 | 717.97 | 979.64 | 130.04 | 679.52 | 1,046.95 | 444.35 | 3,754.10 |
| ..... | 837.76 | 793.11 | 56.35 | 317.66 | 561.79 | 50.00 | 832.71 |
| 964.82 | 451.89 | 649.45 | 71.11 | 522.13 | 1,986.38 | 648.08 | 2,023.25 |
| 1,657.93 | 442.95 | 843.05 | 246.15 | 701.37 | 1,461.19 | 551.04 | 1,692.71 |
| 17,373.30 | 13,178.62 | 13,579.94 | 3,384.63 | 19,614.27 | 45,014.25 | 8,942.10 | 45,649.82 |
| 1,632.11 | 2,544.12 | ..... | 1,199.63 | 2,936.16 | 4,697.69 | 1,303.31 | 3,242.69 |
| ..... | ..... | 255.61 | ..... | ..... | ..... | ..... | ..... |
| 949.00 | 629.00 | 592.00 | 285.00 | 927.00 | 1,682.00 | 585.00 | 2,326.00 |
| 683.11 | 1,915.12 | ..... | 914.63 | 2,009.16 | 3,015.69 | 718.31 | 916.69 |
| ..... | ..... | 847.61 | ..... | ..... | ..... | ..... | ..... |
| 406 | 335 | 65 | 101 | 380 | 1,085 | 215 | 640 |
| 70 | 87 | 34 | 39 | 97 | 195 | 76 | 184 |
| 7 | 9 | 36 | 5 | 8 | 21 | 5 | 68 |
| 483 | 431 | 135 | 145 | 485 | 1,301 | 296 | 892 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Plattsville P.V. | Point Edward 1,400 | Port Colborne 5,374 | Port Credit 1,350 | Port Dalhousie 1,554 |
|---|---------------------|--------------------------|---------------------------|-------------------------|----------------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 1,724.90 | 5,401.70 | 26,977.15 | 10,357.07 | 10,472.50 |
| Commercial light..... | 883.13 | 1,710.64 | 12,485.34 | 4,791.92 | 2,152.64 |
| Commercial power..... | 314.45 | 10,127.09 | 9,017.67 | 819.42 | 4,130.33 |
| Municipal power..... | | 119.09 | 2,499.21 | 821.23 | |
| Street lighting..... | 543.65 | 696.00 | 5,076.48 | 2,581.00 | 1,369.16 |
| Merchandise..... | | | 288.77 | | |
| Miscellaneous..... | | 264.64 | 457.96 | | |
| Total earnings..... | 3,466.13 | 18,319.16 | 56,802.58 | 19,370.64 | 18,124.63 |
| EXPENSES | | | | | |
| Power purchased..... | 2,552.92 | 9,149.85 | 31,541.52 | 12,120.61 | 9,532.36 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 93.42 | 168.39 | 1,666.86 | 955.98 | 1,893.53 |
| Line transformer maintenance..... | | 12.10 | 152.90 | | |
| Meter maintenance..... | | 10.95 | 738.55 | | 148.84 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 49.33 | 18.55 | 705.68 | 271.84 | 70.87 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 184.60 | | 1,297.31 | 362.00 | |
| General office, salaries and expenses | 25.45 | 744.88 | 3,579.07 | 539.99 | 1,605.37 |
| Undistributed expenses..... | 56.22 | 213.80 | 1,516.32 | | 247.34 |
| Interest..... | 187.92 | 775.44 | 5,615.71 | 294.10 | 683.99 |
| Sinking fund and principal payments on debentures..... | 148.62 | 706.68 | 4,618.64 | 234.71 | 1,028.77 |
| Total expenses..... | 3,298.48 | 11,800.64 | 51,432.56 | 14,779.23 | 15,211.07 |
| Gross surplus..... | 167.65 | 6,518.52 | 5,370.02 | 4,591.41 | 2,913.56 |
| Gross loss..... | | | | | |
| Depreciation..... | 77.00 | 761.00 | 2,928.00 | 1,021.00 | 706.00 |
| Net surplus..... | 90.65 | 5,757.52 | 2,442.02 | 3,570.41 | 2,207.56 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 82 | 276 | 1,149 | 368 | 553 |
| Commercial light service..... | 25 | 44 | 193 | 75 | 46 |
| Power service..... | 2 | 14 | 18 | 5 | 11 |
| Total..... | 109 | 334 | 1,360 | 448 | 610 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Port Dover 1,544 | Port Rowan 696 | Port Stanley 690 | Preston 5,622 | Princeton P.V. | Queenston P.V. | Richmond Hill 1,197 | Ridgetown 1,942 |
|------------------------|----------------------|------------------------|------------------|-------------------|-------------------|---------------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,151.74 | 1,589.60 | 8,998.02 | 43,991.14 | 2,079.25 | 2,563.19 | 6,135.68 | 9,256.54 |
| 4,893.27 | 1,620.51 | 3,081.47 | 22,062.75 | 647.18 | 198.92 | 2,918.17 | 4,776.85 |
| 4,281.70 | ..... | 4,230.09 | 47,301.92 | 96.80 | 884.86 | 1,988.48 | 5,014.61 |
| ..... | ..... | 449.48 | 858.52 | ..... | ..... | 381.79 | 875.99 |
| 2,366.46 | 1,122.00 | 2,008.00 | 5,050.00 | 384.00 | 543.96 | 1,341.00 | 2,391.45 |
| ..... | ..... | ..... | 47.65 | ..... | ..... | ..... | 78.53 |
| ..... | ..... | 294.28 | 159.55 | ..... | ..... | 9.88 | 727.52 |
| 17,693.17 | 4,332.11 | 19,061.34 | 119,471.53 | 3,207.23 | 4,190.93 | 12,775.00 | 23,121.49 |
| 8,764.15 | 4,677.57 | 10,464.03 | 80,591.23 | 1,754.54 | 2,431.41 | 6,717.99 | 14,012.41 |
| ..... | ..... | ..... | 4,300.07 | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | 144.88 | ..... | ..... | ..... | ..... |
| 892.08 | 6.00 | 1,896.71 | 4,810.85 | 44.73 | 133.70 | 1,488.47 | 1,430.61 |
| ..... | ..... | 7.66 | 183.28 | ..... | ..... | 24.00 | 144.46 |
| ..... | ..... | 38.08 | 1,437.56 | ..... | ..... | 49.40 | 87.03 |
| | | | | | | | |
| 179.22 | 26.28 | 154.59 | 351.19 | 61.28 | 18.02 | 54.35 | 317.28 |
| 63.70 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 375.46 | 221.28 | 707.22 | 1,744.38 | 144.00 | ..... | ..... | 624.75 |
| 79.46 | 41.55 | 532.28 | 800.39 | 10.45 | 396.67 | 660.11 | 1,128.89 |
| 232.61 | 60.00 | 337.08 | 1,544.78 | ..... | ..... | ..... | 232.64 |
| 1,175.96 | 913.33 | 590.17 | 3,393.29 | 113.71 | 469.32 | 414.22 | 495.56 |
| 1,631.77 | 299.03 | 642.80 | 5,105.98 | 100.75 | 308.51 | 520.54 | 267.26 |
| 13,394.41 | 6,245.04 | 15,370.62 | 104,407.88 | 2,229.46 | 3,757.63 | 9,929.08 | 18,740.89 |
| 4,298.76 | ..... | 3,690.72 | 15,063.65 | 977.77 | 433.30 | 2,845.92 | 4,380.60 |
| ..... | 1,912.93 | ..... | ..... | ..... | ..... | ..... | ..... |
| 962.00 | 256.00 | 903.00 | 6,231.00 | 162.00 | 245.00 | 424.00 | 1,132.00 |
| 3,336.76 | ..... | 2,787.72 | 8,832.65 | 815.77 | 188.30 | 2,421.92 | 3,248.60 |
| ..... | 2,168.93 | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 339 | 69 | 563 | 1,476 | 81 | 61 | 308 | 531 |
| 128 | 32 | 73 | 227 | 18 | 6 | 58 | 130 |
| 15 | ..... | 12 | 46 | 1 | 2 | 12 | 21 |
| 482 | 101 | 648 | 1,749 | 100 | 69 | 378 | 682 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Riverside | Rockwood P.V. | Rodney | St. Cath- arines | St. Clair Beach |
|---|-----------|------------------|----------|---------------------|--------------------|
| Population..... | 3,909 | | 760 | 22,376 | 122 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 46,267.55 | 2,368.16 | 2,669.51 | 124,048.65 | 1,715.73 |
| Commercial light..... | 6,380.63 | 798.73 | 2,125.72 | 27,848.27 | 2,302.94 |
| Commercial power..... | 11,075.07 | 935.53 | 1,515.50 | 73,900.45 | 584.87 |
| Municipal power..... | | | | | |
| Street lighting..... | 3,426.45 | 830.04 | 848.70 | 22,837.67 | |
| Merchandise..... | | | | 388.02 | |
| Miscellaneous..... | | 90.62 | 352.27 | 4,334.77 | |
| Total earnings..... | 67,149.70 | 5,023.08 | 7,511.70 | 253,357.83 | 4,603.54 |
| EXPENSES | | | | | |
| Power purchased..... | 33,441.45 | 3,300.83 | 4,553.77 | 158,130.87 | 2,385.00 |
| Substation operation..... | | | | 3,832.57 | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 5,360.46 | 84.22 | 532.41 | 13,871.47 | 552.93 |
| Line transformer maintenance..... | | | 18.30 | 1,456.61 | |
| Meter maintenance..... | | 10.40 | 30.30 | 932.65 | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 1,023.90 | 51.34 | 104.20 | 3,243.61 | |
| Promotion of business..... | | | | 1,279.42 | |
| Billing and collecting..... | | | 448.60 | 5,990.70 | |
| General office, salaries and expenses | 4,392.65 | 484.92 | 92.74 | 11,847.30 | 166.95 |
| Undistributed expenses..... | | | 52.75 | 7,330.59 | |
| Interest..... | 4,380.84 | | 375.13 | 8,493.13 | 270.22 |
| Sinking fund and principal payments on debentures..... | 2,812.63 | | 211.46 | 7,873.83 | 237.95 |
| Total expenses..... | 51,411.93 | 3,931.71 | 6,419.66 | 224,282.75 | 3,613.05 |
| Gross surplus..... | 15,737.77 | 1,091.37 | 1,092.04 | 29,075.08 | 990.49 |
| Gross loss..... | | | | | |
| Depreciation..... | 2,850.00 | 330.00 | 377.00 | 12,806.00 | 226.00 |
| Net surplus..... | 12,887.77 | 761.37 | 715.04 | 16,269.08 | 764.49 |
| Net loss..... | | | | | |
| NUMBERS OF CONSUMERS | | | | | |
| Domestic service..... | 1,033 | 130 | 196 | 5,550 | 39 |
| Commercial light service..... | 59 | 33 | 68 | 555 | 9 |
| Power service..... | 9 | 1 | 4 | 132 | 2 |
| Total..... | 1,101 | 164 | 268 | 6,237 | 50 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| St. George P.V. | St. Jacobs P.V. | St. Marys 4,007 | St. Thomas 16,586 | Sandwich 9,407 | Sarnia 16,066 | Scarboro' Twp. 15,276 | Seaforth 1,751 |
|--------------------|--------------------|--------------------|----------------------|-------------------|------------------|-----------------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,252.16 | 2,648.82 | 23,690.15 | 86,945.73 | 104,647.25 | 93,853.51 | 69,391.16 | 8,395.34 |
| 822.30 | 1,096.47 | 8,549.64 | 43,104.78 | 20,069.40 | 45,443.81 | 16,113.11 | 4,952.39 |
| 2,078.52 | 3,107.22 | 19,254.45 | 54,852.33 | 27,949.77 | 144,533.00 | 23,038.41 | 6,580.31 |
| ..... | ..... | 1,581.61 | 6,195.30 | ..... | ..... | 6,941.21 | 669.46 |
| 294.00 | 516.00 | 3,397.00 | 14,061.96 | 8,318.15 | 12,698.46 | 10,574.56 | 1,520.00 |
| ..... | ..... | 662.24 | ..... | 396.98 | 1,353.87 | ..... | 145.41 |
| 217.68 | 139.90 | 527.56 | 2,644.42 | ..... | 2,618.14 | 710.15 | 1,042.50 |
| 5,664.66 | 7,508.41 | 57,662.65 | 207,804.52 | 161,381.55 | 300,500.79 | 126,768.60 | 23,305.41 |
| 4,751.79 | 5,355.53 | 41,105.16 | 132,670.04 | 99,128.08 | 183,892.28 | 62,634.78 | 14,523.96 |
| ..... | ..... | 1,389.30 | 6,328.26 | ..... | 6,007.33 | ..... | ..... |
| ..... | ..... | 21.05 | 565.52 | ..... | 304.51 | ..... | ..... |
| 27.61 | 9.83 | 804.82 | 6,367.73 | 1,863.95 | 4,787.87 | 5,353.59 | 1,602.75 |
| ..... | ..... | 73.29 | 395.91 | 298.94 | 499.83 | 667.54 | 22.96 |
| 62.63 | 19.89 | 1,088.72 | 1,680.16 | 305.76 | 512.21 | 300.47 | 73.22 |
| ..... | ..... | ..... | 858.97 | ..... | ..... | ..... | ..... |
| 40.00 | 48.49 | 367.60 | 2,744.15 | 1,690.64 | 2,977.14 | 1,345.78 | 547.55 |
| ..... | ..... | ..... | 308.65 | ..... | ..... | ..... | ..... |
| 412.91 | ..... | 1,278.04 | 4,537.41 | 4,402.96 | 4,756.27 | 4,788.49 | ..... |
| 25.25 | 316.96 | 2,292.28 | 12,872.86 | 5,474.99 | 8,653.14 | 5,046.54 | 1,246.04 |
| 106.00 | 64.12 | 1,455.07 | 4,716.15 | 2,325.54 | 9,404.63 | 4,145.54 | 374.30 |
| 246.95 | 208.74 | 2,776.45 | 2,854.79 | 6,700.88 | 13,809.01 | 10,688.97 | 1,338.00 |
| 166.14 | 293.95 | 2,127.68 | 4,170.21 | 4,865.12 | 15,343.89 | 7,338.36 | 445.75 |
| 5,839.28 | 6,317.51 | 54,779.46 | 181,070.81 | 127,056.86 | 250,948.11 | 102,310.06 | 20,174.53 |
| ..... | 1,190.90 | 2,883.19 | 26,733.71 | 34,324.69 | 49,552.68 | 24,458.54 | 3,130.88 |
| 174.62 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 287.00 | 260.00 | 1,414.00 | 11,391.00 | 4,220.00 | 14,996.00 | 7,489.64 | 1,500.00 |
| ..... | 930.90 | 1,469.19 | 15,342.71 | 30,104.69 | 34,556.68 | 16,968.90 | 1,630.88 |
| 461.62 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 125 | 97 | 986 | 4,041 | 2,701 | 4,324 | 3,415 | 454 |
| 32 | 27 | 193 | 639 | 204 | 585 | 252 | 122 |
| 4 | 6 | 46 | 104 | 27 | 82 | 30 | 14 |
| 161 | 130 | 1,225 | 4,784 | 2,932 | 4,991 | 3,697 | 590 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Simcoe | Springfield | Stamford Twp. 6,490 | Stouffville | Stratford |
|---|-----------|-------------|---------------------------|-------------|------------|
| Population..... | 4,491 | 394 | | 1,080 | 18,058 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 11,756.22 | 2,090.79 | 41,778.74 | 5,139.95 | 139,585.51 |
| Commercial light..... | 15,936.44 | 730.26 | 5,018.73 | 2,563.25 | 44,028.34 |
| Commercial power..... | 10,938.34 | 3,654.73 | 3,943.12 | 1,402.83 | 49,330.93 |
| Municipal power..... | 1,144.61 | | 1,218.02 | | 8,278.37 |
| Street lighting..... | 3,602.53 | 611.00 | 5,750.00 | 1,482.50 | 15,338.27 |
| Merchandise..... | 238.61 | | 285.98 | | 3,403.74 |
| Miscellaneous..... | 195.24 | 18.61 | 1,047.24 | 261.84 | 11,649.48 |
| Total earnings..... | 43,811.99 | 7,105.39 | 59,041.83 | 10,850.37 | 271,614.64 |
| EXPENSES | | | | | |
| Power purchased..... | 26,766.89 | 4,226.24 | 25,892.17 | 4,799.29 | 178,912.36 |
| Substation operation..... | | | | | 4,965.53 |
| Substation maintenance..... | 842.06 | | 718.66 | | 959.92 |
| Distribution system, operation and maintenance..... | 3,072.42 | 125.05 | 1,185.68 | 635.57 | 6,654.12 |
| Line transformer maintenance..... | 379.88 | | 60.54 | | 365.33 |
| Meter maintenance..... | 336.14 | | 361.04 | | 1,376.66 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 702.40 | 59.05 | 1,096.10 | 44.88 | 1,854.55 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 1,475.89 | 302.70 | 1,455.81 | | 3,952.94 |
| General office, salaries and expenses | 1,304.79 | 77.67 | 4,045.25 | 492.35 | 6,635.68 |
| Undistributed expenses..... | 781.43 | 50.00 | 2,273.15 | | 3,708.51 |
| Interest..... | 3,014.61 | 247.50 | 6,852.09 | 802.97 | 21,775.00 |
| Sinking fund and principal payments on debentures..... | 1,985.41 | 129.04 | 4,624.90 | 1,157.51 | 10,022.36 |
| Total expenses..... | 40,661.92 | 5,217.25 | 48,565.39 | 7,932.57 | 241,182.96 |
| Gross surplus..... | 3,150.07 | 1,888.14 | 10,476.44 | 2,917.80 | 30,431.68 |
| Gross loss..... | | | | | |
| Depreciation..... | 2,234.00 | 268.00 | 4,000.00 | 383.00 | 15,901.00 |
| Net surplus..... | 916.07 | 1,620.14 | 6,476.44 | 2,534.80 | 14,530.68 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 778 | 93 | 1,298 | 271 | 4,180 |
| Commercial light service..... | 250 | 32 | 91 | 74 | 580 |
| Power service..... | 32 | 4 | 13 | 5 | 135 |
| Total..... | 1,060 | 129 | 1,402 | 350 | 4,895 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Strathroy 2,605 | Sutton 747 | Tavistock 993 | Tecumseh 1,951 | Thames- ford P.V. | Thames- ville 817 | Thedford 558 | Thorndale P.V. |
|--------------------|---------------|------------------|-------------------|-------------------------|-------------------------|-----------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 15,522.06 | 5,871.10 | 6,128.61 | 13,677.37 | 2,143.55 | 3,809.48 | 2,315.69 | 1,684.65 |
| 8,597.66 | 2,966.48 | 1,785.71 | 3,669.30 | 1,704.28 | 3,027.24 | 1,479.95 | 916.12 |
| 9,306.44 | 819.10 | 8,349.78 | 3,601.64 | 3,459.67 | 2,042.13 | 809.04 | 1,263.62 |
| 1,637.80 | ..... | 490.51 | ..... | ..... | 263.17 | ..... | ..... |
| 3,376.00 | 1,981.60 | 1,209.57 | 1,231.00 | 552.00 | 1,053.00 | 1,088.00 | 372.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.00 |
| 1,068.87 | ..... | 469.52 | ..... | 374.00 | 578.77 | 229.95 | 12.41 |
| 39,508.83 | 11,638.28 | 18,433.70 | 22,179.31 | 8,233.50 | 10,773.79 | 5,922.63 | 4,251.80 |
| 22,594.43 | 5,888.45 | 14,167.61 | 9,803.42 | 4,973.04 | 6,587.18 | 3,353.07 | 2,789.07 |
| 47.39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 16.16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 588.32 | 940.08 | 578.50 | 2,465.08 | 38.80 | 245.08 | 184.00 | 33.38 |
| 210.61 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 766.32 | ..... | 47.94 | ..... | 69.45 | ..... | ..... | ..... |
| 608.05 | 59.29 | 115.22 | 291.17 | 36.94 | 125.07 | 1.67 | 33.15 |
| 417.56 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1,222.31 | ..... | 395.14 | ..... | 175.00 | 247.51 | ..... | ..... |
| 3,171.46 | 458.62 | 185.55 | 1,620.22 | 65.22 | 255.24 | 237.00 | 155.20 |
| 391.51 | ..... | 88.00 | ..... | 66.13 | 82.37 | ..... | ..... |
| 1,310.21 | 1,247.34 | 235.85 | 1,680.63 | 143.52 | 385.23 | 802.28 | 95.06 |
| 1,566.52 | 1,030.33 | 154.45 | 958.63 | 158.52 | 444.72 | 636.27 | 67.57 |
| 32,910.85 | 9,624.11 | 15,968.26 | 16,819.15 | 5,726.62 | 8,372.40 | 5,214.29 | 3,173.43 |
| 6,597.98 | 2,014.17 | 2,465.44 | 5,360.16 | 2,506.88 | 2,401.39 | 708.34 | 1,078.37 |
| | | | | | | | |
| 2,624.00 | 623.00 | 535.00 | 1,043.00 | 356.00 | 604.00 | 276.00 | 180.00 |
| 3,973.98 | 1,391.17 | 1,930.44 | 4,317.16 | 2,150.88 | 1,797.39 | 432.34 | 898.37 |
| | | | | | | | |
| 757 | 332 | 239 | 416 | 112 | 181 | 123 | 64 |
| 171 | 63 | 72 | 46 | 31 | 93 | 40 | 24 |
| 26 | 3 | 6 | 3 | 8 | 7 | 3 | 1 |
| 954 | 398 | 317 | 465 | 151 | 281 | 166 | 89 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Thorold | Tilbury | Tillson- burg | Toronto | Toronto Twp. |
|---|-----------|-----------|------------------|---------------|-----------------|
| Population..... | 4,957 | 1,996 | 3,238 | 556,691 | 8,082 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 19,174.28 | 6,222.79 | 13,165.10 | 2,849,767.79 | 45,207.56 |
| Commercial light..... | 6,561.93 | 6,759.29 | 11,672.36 | 2,583,593.76 | 11,872.63 |
| Commercial power..... | 12,318.05 | 12,943.77 | 12,678.13 | 3,012,353.94 | 5,313.77 |
| Municipal power..... | 2,937.45 | 378.59 | 392.55 | 1,436,459.24 | ..... |
| Street lighting..... | 3,820.00 | 1,140.81 | 3,100.50 | 483,373.28 | 4,104.87 |
| Merchandise..... | ..... | ..... | 554.31 | ..... | ..... |
| Miscellaneous..... | ..... | 980.45 | 1,495.14 | 237,951.75 | ..... |
| Total earnings..... | 44,811.71 | 28,425.70 | 43,058.09 | 10,603,499.76 | 66,498.83 |
| EXPENSES | | | | | |
| Power purchased..... | 23,589.34 | 18,236.14 | 22,957.04 | 5,215,185.44 | 27,877.65 |
| Substation operation..... | 2,587.55 | ..... | 1,094.40 | 213,573.55 | ..... |
| Substation maintenance..... | ..... | ..... | ..... | 194,392.25 | ..... |
| Distribution system, operation and maintenance..... | 2,310.23 | 1,620.80 | 1,158.48 | 265,483.10 | 4,261.57 |
| Line transformer maintenance..... | 54.10 | 328.67 | 57.82 | 54,504.47 | 117.11 |
| Meter maintenance..... | 2.33 | 81.96 | 40.26 | 100,418.23 | 172.60 |
| Consumers' premises expenses..... | ..... | ..... | ..... | 257,818.75 | ..... |
| Street lighting, operation and main- tenance..... | 308.03 | 91.64 | 109.13 | 140,535.82 | 543.81 |
| Promotion of business..... | ..... | ..... | 52.00 | 214,755.11 | 40 |
| Billing and collecting..... | ..... | 602.92 | 1,069.88 | 324,401.66 | 2,903.77 |
| General office, salaries and expenses | 2,073.66 | 334.80 | 3,205.89 | 308,975.69 | 4,290.59 |
| Undistributed expenses..... | 764.34 | 162.78 | 905.85 | *239,584.33 | 2,739.25 |
| Interest..... | 115.99 | 577.12 | 803.14 | 1,244,386.42 | 3,752.27 |
| Sinking fund and principal payments on debentures..... | 507.64 | 504.78 | 1,224.86 | 906,906.65 | 3,240.06 |
| Total expenses..... | 32,313.21 | 22,541.61 | 32,678.75 | 9,680,921.47 | 49,899.08 |
| Gross surplus..... | 12,498.50 | 5,884.09 | 10,379.34 | 922,578.29 | 16,599.75 |
| Gross loss..... | ..... | ..... | ..... | ..... | ..... |
| Depreciation..... | 2,364.00 | 762.00 | 2,420.00 | 610,890.07 | 5,860.00 |
| Net surplus..... | 10,134.50 | 5,122.09 | 7,959.34 | 311,688.22 | 10,739.75 |
| Net loss..... | ..... | ..... | ..... | ..... | ..... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 1,185 | 375 | 808 | 138,102 | 14,452 |
| Commercial light service..... | 196 | 120 | 205 | 24,834 | 140 |
| Power service..... | 13 | 16 | 27 | 4,924 | 14 |
| Total..... | 1,394 | 511 | 1,040 | 167,860 | 1,606 |

*Includes \$110,000.00 re York Township debenture payments and estimated profits for 1928.

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Trafalgar Twp. 3,779 | Walker- ville 9,852 | Wallace- burg 4,145 | Wards- ville 212 | Water- down 817 | Waterford 1,030 | Waterloo 7,135 | Watford 1,031 |
|----------------------------|---------------------------|---------------------------|------------------------|-----------------------|--------------------|-------------------|------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 10,674.03 | 106,847.05 | 16,413.31 | 948.11 | 4,403.92 | 5,920.84 | 48,543.53 | 6,078.20 |
| 670.25 | 36,120.95 | 9,754.82 | 1,095.53 | 735.47 | 1,846.93 | 20,467.05 | 3,439.82 |
| 1,151.89 | 115,819.44 | 76,421.21 | ..... | 1,541.29 | 5,115.34 | 30,142.73 | 2,184.35 |
| ..... | ..... | 1,654.42 | ..... | 197.10 | 298.83 | 3,401.26 | 434.27 |
| ..... | 14,999.75 | 2,954.00 | 680.00 | 930.00 | 1,614.60 | 6,653.31 | 1,153.20 |
| ..... | 580.49 | 300.61 | 6.80 | ..... | 8.95 | 1,350.00 | ..... |
| 8.56 | 27,346.40 | 1,327.39 | 83.10 | 189.62 | 327.96 | 216.15 | 146.26 |
| 12,504.73 | 301,714.08 | 108,825.76 | 2,813.54 | 7,997.40 | 15,133.45 | 110,774.03 | 13,436.10 |
| | | | | | | | |
| 5,917.00 | 162,759.34 | 70,382.93 | 1,694.87 | 5,320.27 | 10,686.88 | 74,676.21 | 9,354.67 |
| ..... | 7,317.36 | 286.73 | ..... | ..... | ..... | 2,415.80 | ..... |
| ..... | 1,317.58 | ..... | ..... | ..... | ..... | 241.57 | ..... |
| 2,216.36 | 4,759.55 | 2,522.03 | 73.57 | 524.26 | 513.75 | 2,908.76 | 1,074.85 |
| ..... | 607.52 | 47.39 | ..... | ..... | ..... | 129.37 | ..... |
| ..... | 3,455.50 | 185.07 | ..... | ..... | ..... | 428.03 | 72.85 |
| ..... | 3,074.08 | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | 2,029.50 | 150.23 | 45.09 | 61.33 | 197.84 | 1,041.19 | 76.55 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40.40 |
| ..... | 8,122.69 | 1,235.55 | ..... | 349.15 | 594.05 | 1,990.83 | 375.82 |
| 1,445.81 | 10,641.79 | 3,916.98 | 110.54 | 526.99 | 281.04 | 5,199.63 | 670.31 |
| 524.79 | 9,197.90 | 4,724.11 | ..... | ..... | 67.92 | 1,502.74 | 210.80 |
| 964.92 | 11,322.80 | 3,401.20 | 362.68 | 131.54 | ..... | 3,978.69 | 291.54 |
| 710.58 | 11,701.95 | 2,076.44 | 308.54 | 408.78 | ..... | 3,826.61 | 545.25 |
| 11,779.46 | 236,307.56 | 88,928.66 | 2,595.29 | 7,322.32 | 12,341.48 | 98,339.43 | 12,713.04 |
| | | | | | | | |
| 725.27 | 65,406.52 | 19,897.10 | 218.25 | 675.08 | 2,791.97 | 12,434.60 | 723.06 |
| | | | | | | | |
| 837.00 | 12,212.00 | 3,742.00 | 168.00 | 246.00 | 770.00 | 6,857.44 | 573.00 |
| ..... | 53,194.52 | 16,155.10 | 50.25 | 429.08 | 2,021.97 | 5,577.16 | 150.06 |
| 111.73 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | | | | | | | |
| 224 | 2,493 | 921 | 50 | 205 | 307 | 1,663 | 266 |
| 2 | 339 | 202 | 22 | 27 | 63 | 214 | 79 |
| 12 | 93 | 28 | ..... | 6 | 13 | 68 | 6 |
| 238 | 2,925 | 1,151 | 72 | 238 | 383 | 1,945 | 351 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality..... | Welland | Wellesley P.V. | West Lorne | Weston | Wheatley |
|---|------------|-------------------|------------|-----------|----------|
| Population..... | 9,664 | | 805 | 4,136 | 717 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 52,707.76 | 2,363.11 | 2,700.26 | 29,619.28 | 3,796.01 |
| Commercial light..... | 32,678.14 | 846.74 | 1,994.09 | 6,999.85 | 2,933.63 |
| Commercial power..... | 64,861.43 | 2,956.42 | 8,241.61 | 44,135.38 | 1,092.07 |
| Municipal power..... | 2,960.07 | | | 1,441.02 | |
| Street lighting..... | 8,564.17 | 710.00 | 1,010.04 | 8,111.86 | 1,534.86 |
| Merchandise..... | 184.82 | | | | |
| Miscellaneous..... | 6,121.87 | 29.25 | | 265.38 | |
| Total earnings..... | 168,078.26 | 6,905.52 | 13,946.00 | 90,572.77 | 9,356.57 |
| EXPEN | | | | | |
| Power purchased..... | 73,778.70 | 4,879.97 | 11,585.76 | 57,020.19 | 4,393.35 |
| Substation operation..... | 4,715.73 | | | 146.00 | |
| Substation maintenance..... | 112.23 | | | 689.02 | |
| Distribution system, operation and maintenance..... | 5,496.62 | 41.62 | 170.39 | 1,897.77 | 240.66 |
| Line transformer maintenance..... | 300.10 | | | 260.28 | |
| Meter maintenance..... | 2,769.55 | | | 340.63 | |
| Consumers' premises expenses..... | 72.14 | | | | |
| Street lighting, operation and main- tenance..... | 1,093.78 | 78.80 | 65.70 | 1,008.35 | 135.14 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 4,615.46 | | 685.29 | | 325.00 |
| General office, salaries and expenses..... | 7,548.70 | 375.66 | 96.26 | 3,803.17 | 54.35 |
| Undistributed expenses..... | 3,817.00 | 55.21 | 66.05 | 1,027.99 | 67.50 |
| Interest..... | 15,367.45 | 268.47 | 327.89 | 2,766.94 | 539.37 |
| Sinking fund and principal payments on debentures..... | 7,997.73 | 387.06 | 192.04 | 2,321.10 | 461.87 |
| Total expenses..... | 127,685.19 | 6,086.79 | 13,189.38 | 71,281.44 | 6,217.24 |
| Gross surplus..... | 40,393.07 | 818.73 | 756.62 | 19,291.33 | 3,139.33 |
| Gross loss..... | | | | | |
| Depreciation..... | 10,074.53 | 233.00 | 518.00 | 4,119.00 | 388.00 |
| Net surplus..... | 30,318.54 | 585.73 | 238.62 | 15,172.33 | 2,751.33 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 2,149 | 114 | 185 | 1,073 | 167 |
| Commercial light service..... | 410 | 29 | 54 | 146 | 62 |
| Power service..... | 83 | 4 | 5 | 24 | 2 |
| Total..... | 2,642 | 147 | 244 | 1,243 | 231 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Windsor 61,095 | Wood- bridge 700 | Woodstock 10,106 | Wyoming 499 | York Twp.* 48,982 | E. York Twp. 23,610 | N. York Twp. 9,006 |
|-------------------|------------------------|---------------------|----------------|----------------------|------------------------|-----------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 524,184.48 | 4,313.44 | 69,559.31 | 2,072.98 | 286,229.44 | 123,913.27 | 49,636.37 |
| 262,490.32 | 1,552.53 | 39,964.58 | 1,371.48 | 32,663.08 | 14,871.79 | 9,274.73 |
| 197,461.31 | 3,582.85 | 45,191.28 | 131.97 | 63,463.00 | 41,759.93 | 6,504.13 |
| 19,381.64 | 383.14 | 3,049.50 | ..... | ..... | 3,258.93 | 3,173.92 |
| 80,681.19 | 900.00 | 6,950.91 | 800.00 | 42,437.86 | 14,494.53 | 2,409.37 |
| 10,873.25 | ..... | 1,164.88 | ..... | ..... | ..... | ..... |
| 735.61 | 234.46 | 2,244.73 | 31.43 | 9,137.45 | 803.53 | 3,899.49 |
| 1,095,807.80 | 10,966.42 | 168,125.19 | 4,407.86 | 433,930.83 | 199,101.98 | 74,898.01 |
| 632,804.40 | 7,121.59 | 111,690.95 | 2,610.65 | 162,615.05 | 99,903.27 | 28,258.44 |
| 14,980.32 | ..... | 2,692.16 | ..... | 14,460.98 | ..... | ..... |
| 7,787.89 | ..... | 19.98 | ..... | ..... | ..... | ..... |
| 17,633.14 | 527.43 | 4,747.28 | 154.05 | 9,319.03 | 7,898.73 | 6,401.12 |
| 4,446.37 | ..... | 201.53 | ..... | 4,146.87 | 1,081.74 | ..... |
| 11,278.61 | 40.08 | 1,164.45 | ..... | 5,990.08 | 1,860.13 | 936.72 |
| 14,008.56 | ..... | ..... | ..... | 14,162.20 | 1,204.50 | ..... |
| 24,186.63 | 72.26 | 1,414.51 | 47.66 | 4,242.21 | 1,034.94 | 191.30 |
| 5,577.17 | ..... | ..... | ..... | 4,063.18 | 97.86 | ..... |
| 29,570.12 | ..... | 2,868.21 | 154.96 | 25,590.08 | 7,812.04 | 3,217.51 |
| 21,224.09 | 784.50 | 4,284.68 | 227.03 | 14,920.93 | 7,946.99 | 2,408.28 |
| 19,875.82 | ..... | 3,006.89 | ..... | 6,701.89 | 7,069.50 | 4,592.52 |
| 72,310.49 | 446.81 | 3,782.61 | 337.85 | 118,229.77 | 16,810.76 | 11,395.73 |
| 61,719.52 | 223.10 | 2,403.47 | 557.41 | 16,746.85 | 11,137.34 | 5,306.15 |
| 937,403.13 | 9,215.77 | 138,276.72 | 4,089.61 | 401,189.12 | 163,857.80 | 62,707.77 |
| 158,404.67 | 1,750.65 | 29,848.47 | 318.25 | 32,741.71 | 35,244.18 | 12,190.24 |
| 48,349.00 | 613.00 | 8,810.00 | 300.00 | 13,636.00 | 8,583.00 | 5,470.00 |
| 110,055.67 | 1,137.65 | 21,038.47 | 18.25 | 19,105.71 | 26,661.18 | 6,720.24 |
| 14,776 | 212 | 2,672 | 118 | Included | 7,016 | 1,684 |
| 2,230 | 47 | 451 | 42 | with | 285 | 127 |
| 350 | 6 | 93 | 1 | Toronto | 28 | 23 |
| 17,356 | 265 | 3,216 | 161 | ..... | 7,329 | 1,834 |

*For year ending December 31, 1927. Included in Toronto figures, not added in summary..

STATEMENT

Detailed Operating Reports of Electrical Departments of

| NIAGARA SYSTEM—Concluded | | | GEORGIAN BAY SYSTEM | | |
|--|----------------|------------------------------|------------------------|-----------|-----------|
| Municipality | Zurich P.V. | NIAGARA SYSTEM SUMMARY | Alliston | Arthur | Barrie |
| Population | | | 1,336 | 1,018 | 7,175 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service | 2,568.89 | 7,584,046.74 | 9,311.60 | 4,014.84 | 36,511.79 |
| Commercial light | 1,598.33 | 4,438,140.16 | 5,414.98 | 3,390.49 | 18,506.20 |
| Commercial power | 132.48 | 6,690,089.43 | 1,777.78 | 2,037.95 | 13,735.80 |
| Municipal power | | 1,772,322.86 | 636.32 | | 1,016.46 |
| Street lighting | 681.96 | 1,251,120.56 | 2,278.00 | 2,227.08 | 5,061.00 |
| Merchandise | | 39,317.95 | | | 270.83 |
| Miscellaneous | 166.72 | 400,090.49 | 42.36 | 23.93 | 494.18 |
| Total earnings | 5,148.38 | 22,175,128.19 | 19,461.04 | 11,694.29 | 75,596.26 |
| EXPENSES | | | | | |
| Power purchased | 4,364.96 | 12,276,160.49 | 9,083.73 | 6,824.88 | 47,262.79 |
| Substation operation | | 354,382.66 | | | { 230.67 |
| Substation maintenance | | 231,005.83 | | | |
| Distribution system, operation and maintenance | 319.00 | 594,187.24 | 1,021.64 | 553.03 | 2,707.14 |
| Line transformer maintenance | | 82,208.23 | | | 9.00 |
| Meter maintenance | | 181,830.45 | | | 490.18 |
| Consumers' premises expenses | | 288,708.39 | | | |
| Street lighting, operation and main- tenance | 40.17 | 261,307.17 | 143.20 | 110.84 | 812.27 |
| Promotion of business | | 240,325.28 | | | |
| Billing and collecting | | 552,645.89 | | | 2,050.32 |
| General office, salaries and expenses | 211.39 | 706,963.26 | 878.29 | 445.51 | 2,033.26 |
| Undistributed expenses | | 439,175.12 | | | 972.54 |
| Interest | 256.47 | 1,890,377.44 | 2,125.54 | 1,390.39 | 1,042.96 |
| Sinking fund and principal payments on debentures | 133.53 | 1,450,453.85 | 1,022.43 | 541.34 | 2,179.21 |
| Total expenses | 5,325.52 | 19,549,731.30 | 14,274.83 | 9,865.99 | 59,790.34 |
| Gross surplus | | 2,625,396.89 | 5,186.21 | 1,828.30 | 15,805.92 |
| Gross loss | 177.14 | | | | |
| Depreciation | 304.00 | 1,158,141.85 | 1,055.00 | 792.00 | 5,453.00 |
| Net surplus | | 1,467,255.04 | 4,131.21 | 1,036.30 | 10,352.92 |
| Net loss | 481.14 | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 110 | 328,182 | 321 | 151 | 1,687 |
| Commercial light service | 44 | 52,757 | 107 | 80 | 329 |
| Power service | 3 | 9,838 | 15 | 3 | 34 |
| Total | 157 | 390,777 | 443 | 234 | 2,050 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Beaverton | Beeton | Bradford | Brechin P.V. | Cannington | Chatsworth | Chesley | Cold water |
|-----------|-----------|-----------|-----------------|------------|------------|-----------|------------|
| 984 | 565 | 958 | | 890 | 316 | 1,722 | 606 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,818.27 | 3,286.18 | 4,757.33 | 943.03 | 4,206.29 | 1,414.72 | 7,401.98 | 2,231.61 |
| 2,240.38 | 2,723.11 | 3,471.11 | 974.06 | 2,204.77 | 1,147.04 | 4,338.58 | 1,265.05 |
| 2,249.66 | 3,422.07 | 7,177.12 | 1,097.02 | 1,023.11 | 308.85 | 7,595.06 | 1,701.64 |
| ..... | ..... | ..... | ..... | ..... | ..... | 1,240.15 | ..... |
| 1,118.47 | 1,404.00 | 1,474.20 | 520.00 | 1,088.75 | 496.00 | 1,682.50 | 528.00 |
| ..... | ..... | ..... | ..... | 55.35 | ..... | 41.93 | ..... |
| 281.92 | 56.06 | ..... | 150.00 | 143.08 | 5.18 | 660.68 | 276.61 |
| | | | | | | | |
| 12,708.70 | 10,891.42 | 16,879.76 | 3,684.11 | 8,721.35 | 3,371.79 | 22,960.88 | 6,002.91 |
| | | | | | | | |
| 6,149.14 | 6,894.33 | 8,455.51 | 2,127.93 | 5,103.30 | 1,600.83 | 13,667.53 | 3,728.75 |
| | | | | | | | |
| | | | | | | | |
| 883.84 | 80.04 | 478.29 | 194.75 | 630.96 | 37.49 | 882.41 | 362.24 |
| | | | | | | | |
| | | | | | | | |
| 58.81 | 84.76 | 55.68 | 79.44 | 54.28 | 35.44 | 150.98 | 55.68 |
| | | | | | | | |
| 728.08 | 471.69 | 691.65 | 34.52 | 504.47 | 309.11 | 351.28 | 104.17 |
| ..... | ..... | ..... | ..... | ..... | ..... | 815.15 | 300.86 |
| 499.80 | 969.13 | 1,463.57 | 290.48 | 606.01 | 311.40 | 117.15 | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 868.00 | 277.80 |
| 498.00 | 350.25 | 621.36 | 75.64 | 461.66 | 185.66 | 1,468.57 | 204.50 |
| | | | | | | | |
| 8,817.67 | 8,850.20 | 11,766.06 | 2,802.76 | 7,360.68 | 2,479.93 | 18,321.07 | 5,034.00 |
| | | | | | | | |
| 3,891.03 | 2,041.22 | 5,113.70 | 881.35 | 1,360.67 | 891.86 | 4,639.81 | 968.91 |
| | | | | | | | |
| 902.00 | 477.00 | 679.00 | 111.00 | 510.00 | 205.00 | 380.00 | 210.00 |
| | | | | | | | |
| 2,989.03 | 1,564.22 | 4,434.70 | 770.35 | 850.67 | 686.86 | 4,259.81 | 758.91 |
| | | | | | | | |
| | | | | | | | |
| 369 | 114 | 184 | 39 | 227 | 54 | 388 | 128 |
| 64 | 37 | 53 | 24 | 71 | 35 | 100 | 55 |
| 10 | 6 | 7 | 4 | 12 | 1 | 19 | 3 |
| | | | | | | | |
| 443 | 157 | 244 | 67 | 310 | 90 | 507 | 186 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality..... | Colling- wood 5,728 | Cooks- town P.V. | Creemore 643 | Dundalk 558 | Durham 1,694 |
|---|---------------------------|------------------------|-----------------|----------------|-----------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 25,460.19 | 2,080.07 | 1,978.03 | 2,183.40 | 4,951.40 |
| Commercial light..... | 11,224.98 | 1,583.28 | 1,664.05 | 2,159.81 | 3,814.28 |
| Commercial power..... | 20,779.86 | 82.69 | 1,437.29 | 2,818.47 | 12,136.66 |
| Municipal power..... | 1,413.07 | | | | |
| Street lighting..... | 3,352.00 | 1,008.00 | 579.24 | 837.00 | 1,758.47 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 2,072.27 | 33.75 | 286.12 | 400.98 | 988.82 |
| Total earnings..... | 64,302.37 | 4,787.79 | 5,944.73 | 8,399.66 | 23,649.63 |
| EXPENSES | | | | | |
| Power purchased..... | 44,971.58 | 2,201.37 | 4,625.55 | 5,348.86 | 13,587.84 |
| Substation operation..... | 51.82 | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 944.69 | 67.16 | 51.02 | 624.40 | 315.85 |
| Line transformer maintenance..... | | | | | |
| Meter maintenance..... | 56.83 | | | | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 170.67 | 49.38 | 28.34 | 115.68 | 57.12 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 1,887.46 | | | | |
| General office, salaries and expenses..... | 2,613.76 | 425.12 | 410.35 | 620.02 | 1,813.86 |
| Undistributed expenses..... | 966.78 | | | | 1,383.19 |
| Interest..... | 514.61 | 658.37 | 189.81 | 149.48 | 826.26 |
| Sinking fund and principal payments on debentures..... | 2,074.59 | 612.57 | 376.88 | 272.66 | 1,808.57 |
| Total expenses..... | 54,252.79 | 4,013.97 | 5,681.95 | 7,131.10 | 19,792.69 |
| Gross surplus..... | 10,049.58 | 773.82 | 262.78 | 1,268.56 | 3,856.94 |
| Gross loss..... | | | | | |
| Depreciation..... | 1,294.00 | 393.00 | 123.00 | 360.00 | 900.00 |
| Net surplus..... | 8,755.58 | 380.82 | 139.78 | 908.56 | 2,956.94 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 1,338 | 93 | 150 | 154 | 355 |
| Commercial light service..... | 258 | 36 | 59 | 74 | 102 |
| Power service..... | 57 | 2 | 5 | 3 | 7 |
| Total..... | 1,653 | 131 | 214 | 231 | 464 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Elmvale P.V. | Elmwood P.V. | Flesherton 412 | Grand Valley 546 | Graven- hurst 1,722 | Hanover 2,700 | Holstein P.V. | Huntsville 2,708 |
|-----------------|-----------------|-------------------|------------------------|---------------------------|------------------|------------------|---------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 2,018.45 | 962.01 | 2,478.80 | 2,530.59 | 6,502.82 | 16,006.05 | 892.78 | 10,662.80 |
| 1,390.22 | 519.00 | 1,782.85 | 2,126.34 | 4,549.44 | 5,781.34 | 534.50 | 6,577.56 |
| 4,196.91 | 1,331.95 | 395.95 | 2,035.35 | 8,578.71 | 19,716.92 | 227.79 | 17,363.58 |
| 105.85 | | | | 950.28 | 327.43 | | 1,126.67 |
| 766.98 | 483.00 | 490.00 | 832.00 | 1,629.00 | 3,461.16 | 490.00 | 2,184.00 |
| | | | | 736.92 | | | 356.13 |
| 202.41 | 23.26 | 37.90 | 261.53 | 873.59 | 1,659.73 | | 247.97 |
| 8,680.82 | 3,319.22 | 5,185.50 | 7,785.81 | 23,820.76 | 46,952.63 | 2,145.07 | 38,518.71 |
| 6,187.93 | 1,979.83 | 2,677.95 | 5,053.04 | 10,628.57 | 27,701.84 | 1,471.80 | 27,610.38 |
| 614.90 | 7.50 | 137.59 | 162.60 | 1,861.68 | 2,447.09 | 22.37 | 2,746.01 |
| 23.34 | 26.52 | 52.54 | 52.40 | 132.63 | 172.71 | | 110.50 |
| 278.00 | 206.96 | 333.19 | 491.81 | 1,958.42 | 1,072.20 | 141.21 | 1,408.97 |
| 275.29 | 290.30 | 461.10 | 391.38 | 1,218.87 | 290.36 | | |
| 219.04 | 341.92 | 197.72 | 567.65 | 2,669.92 | 1,014.80 | 254.31 | 549.27 |
| 7,598.50 | 2,853.03 | 3,860.09 | 6,718.88 | 18,470.09 | 3,738.00 | 163.58 | 1,395.92 |
| 1,082.32 | 466.19 | 1,325.41 | 1,066.93 | 5,350.67 | 40,384.50 | 2,053.27 | 33,821.05 |
| 188.00 | 196.00 | 92.70 | 435.00 | 1,167.00 | 6,568.13 | 91.80 | 4,697.66 |
| 894.32 | 270.19 | 1,232.71 | 631.93 | 4,183.67 | 2,643.00 | 90.00 | 835.00 |
| 132 | 50 | 119 | 130 | 382 | 650 | 46 | 504 |
| 49 | 19 | 38 | 52 | 66 | 114 | 17 | 112 |
| 10 | 1 | 1 | 2 | 14 | 17 | 1 | 11 |
| 191 | 70 | 158 | 184 | 462 | 781 | 64 | 627 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Continued**

| Municipality..... | Kincardine | Kirkfield P.V. | Lucknow | Markdale | Meaford |
|---|------------|-------------------|-----------|----------|-----------|
| Population..... | 2,189 | | 1,026 | 871 | 2,715 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 12,629.64 | 611.73 | 5,682.52 | 3,104.23 | 10,274.28 |
| Commercial light..... | 7,387.99 | 552.17 | 3,104.86 | 2,105.23 | 5,578.00 |
| Commercial power..... | 7,434.41 | 473.48 | 3,929.28 | 1,310.14 | 4,503.00 |
| Municipal power..... | 1,648.80 | | | 163.78 | 820.15 |
| Street lighting..... | 3,890.00 | 460.00 | 1,263.18 | 672.00 | 3,046.79 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 153.10 | | 165.93 | 135.86 | 885.72 |
| Total earnings..... | 33,143.94 | 2,097.38 | 14,145.77 | 7,491.24 | 25,107.94 |
| EXPENSES | | | | | |
| Power purchased..... | 16,797.72 | 1,128.22 | 9,408.60 | 4,060.07 | 11,562.74 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 1,147.67 | 174.95 | 227.25 | 481.12 | 1,472.36 |
| Line transformer maintenance..... | | | | | 43.39 |
| Meter maintenance..... | | | | | 41.62 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 245.91 | 31.33 | 115.58 | 46.11 | 30.61 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 1,072.61 | | | | 796.72 |
| General office, salaries and expenses | 1,426.72 | 56.67 | 614.69 | 618.32 | 2,196.77 |
| Undistributed expenses..... | 113.73 | | | | |
| Interest..... | 2,789.16 | 327.17 | 929.37 | 424.81 | 2,357.30 |
| Sinking fund and principal payments on debentures..... | 2,384.67 | 245.24 | 728.43 | 229.03 | 2,309.36 |
| Total expenses..... | 25,978.19 | 1,963.58 | 12,023.92 | 5,859.46 | 20,810.87 |
| Gross surplus..... | 7,165.75 | 133.80 | 2,121.85 | 1,631.78 | 4,297.07 |
| Gross loss..... | | | | | |
| Depreciation..... | 1,488.00 | 164.00 | 553.00 | 486.00 | 1,067.00 |
| Net surplus..... | 5,677.75 | | 1,568.85 | 1,145.78 | 3,230.07 |
| Net loss..... | | 30.20 | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 514 | 22 | 239 | 178 | 587 |
| Commercial light service..... | 114 | 14 | 81 | 78 | 136 |
| Power service..... | 22 | 1 | 4 | 9 | 13 |
| Total..... | 650 | 37 | 324 | 265 | 736 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Midland 7,902 | Mount Forest 1,829 | Neustadt 449 | Orangeville 2,669 | Owen Sound 12,234 | Paisley 720 | Penetang- uishene 3,945 |
|------------------|--------------------------|-----------------|----------------------|-------------------------|----------------|-------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 31,023.58 | 7,233.65 | 1,896.34 | 9,116.05 | 47,560.02 | 3,292.26 | 7,800.42 |
| 12,439.96 | 5,183.63 | 1,201.45 | 7,577.47 | 29,358.76 | 2,140.38 | 3,063.11 |
| 96,351.47 | 4,371.22 | 3,155.34 | 7,811.55 | 28,722.98 | 1,284.54 | 11,576.73 |
| 3,153.92 | 1,445.05 | ..... | 342.00 | ..... | ..... | 1,793.25 |
| 5,947.92 | 2,562.12 | 975.00 | 3,242.09 | 9,893.50 | 1,408.00 | 1,860.00 |
| 31.05 | ..... | ..... | ..... | ..... | ..... | ..... |
| 890.28 | 459.01 | ..... | 88.32 | 1,473.36 | 210.76 | 775.36 |
| 149,838.18 | 21,254.68 | 7,228.13 | 28,177.48 | 117,008.62 | 8,335.94 | 26,868.87 |
| 99,154.71 | 10,786.52 | 5,579.83 | 15,562.22 | 68,054.55 | 5,762.26 | 17,038.03 |
| 1,931.70 | ..... | ..... | ..... | 258.97 | ..... | 1,930.76 |
| 781.83 | ..... | ..... | ..... | 3,362.74 | ..... | 128.54 |
| 4,676.58 | 1,192.19 | 35.07 | 2,382.00 | 3,145.79 | 211.18 | 1,837.37 |
| 297.45 | ..... | ..... | ..... | 110.24 | ..... | 77.26 |
| 703.18 | ..... | ..... | ..... | 2,017.63 | ..... | 9.42 |
| | | | | | | |
| 852.76 | 221.01 | 48.40 | 175.16 | 2,188.32 | 148.85 | 166.00 |
| 419.89 | ..... | ..... | ..... | ..... | ..... | ..... |
| 2,176.87 | ..... | ..... | 900.99 | 2,843.50 | ..... | 920.92 |
| 2,748.10 | 1,150.30 | 403.17 | 176.32 | 5,885.80 | 417.61 | 532.37 |
| 3,095.50 | ..... | ..... | ..... | 2,714.73 | ..... | 548.60 |
| 3,363.94 | 913.84 | 949.62 | 1,085.43 | 2,350.00 | 770.41 | 1,323.50 |
| 4,762.45 | 1,087.28 | 761.33 | 1,875.96 | 1,679.20 | 568.46 | 1,561.39 |
| 124,964.96 | 15,351.14 | 7,777.42 | 22,158.08 | 94,611.47 | 7,878.77 | 26,074.16 |
| 24,873.22 | 5,903.54 | ..... | 6,019.40 | 22,397.15 | 457.17 | 794.71 |
| ..... | ..... | 549.29 | ..... | ..... | ..... | ..... |
| 7,490.00 | 1,063.00 | 490.00 | 1,297.00 | 5,847.70 | 355.00 | 928.00 |
| 17,383.22 | 4,840.54 | ..... | 4,722.40 | 16,549.45 | 102.17 | ..... |
| ..... | ..... | 1,039.29 | ..... | ..... | ..... | 133.29 |
| 1,555 | 380 | 87 | 595 | 2,894 | 164 | 541 |
| 233 | 136 | 27 | 143 | 536 | 54 | 101 |
| 3 | 12 | 4 | 28 | 113 | 4 | 27 |
| 1,791 | 528 | 118 | 766 | 3,543 | 222 | 669 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Continued**

| Municipality..... | Port McNicol 783 | Port Perry 1,155 | Priceville P.V. | Ripley 420 | Shelburne 1,000 |
|---|------------------------|------------------------|--------------------|---------------|--------------------|
| Population..... | | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,532.47 | 6,665.56 | 484.39 | 2,812.54 | 5,172.65 |
| Commercial light..... | 725.29 | 2,312.34 | 277.74 | 2,705.44 | 3,402.12 |
| Commercial power..... | 41.72 | 3,927.49 | | | 4,846.26 |
| Municipal power..... | | 454.98 | | | 410.85 |
| Street lighting..... | 572.00 | 1,448.00 | 560.00 | 1,323.00 | 1,140.00 |
| Merchandise..... | | | | | |
| Miscellaneous..... | 5.79 | 487.29 | | 7.06 | 191.55 |
| Total earnings..... | 4,877.27 | 15,295.66 | 1,322.13 | 6,848.04 | 15,163.43 |
| EXPENSES | | | | | |
| Power purchased..... | 2,238.07 | 7,480.54 | 910.95 | 4,144.90 | 8,987.53 |
| Substation operation..... | | | | | |
| Substation maintenance..... | | | | | |
| Distribution system, operation and maintenance..... | 63.73 | 825.45 | 11.30 | 100.99 | 539.33 |
| Line transformer maintenance..... | | | | | |
| Meter maintenance..... | | | | | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 44.88 | 26.05 | 8.60 | 75.39 | 41.48 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | | | | 528.70 |
| General office, salaries and expenses | 425.58 | 759.96 | 41.60 | 355.45 | 99.37 |
| Undistributed expenses..... | | | | | |
| Interest..... | 285.60 | 1,172.88 | 392.18 | 770.77 | 585.70 |
| Sinking fund and principal payments on debentures..... | 359.94 | 558.58 | 352.87 | 285.29 | 1,030.41 |
| Total expenses..... | 3,417.80 | 10,823.46 | 1,717.50 | 5,732.79 | 11,812.52 |
| Gross surplus..... | 1,459.47 | 4,472.20 | | 1,115.25 | 3,350.91 |
| Gross loss..... | | | 395.37 | | |
| Depreciation..... | 303.00 | 643.00 | 143.00 | 330.00 | 737.00 |
| Net surplus..... | 1,156.47 | 3,829.20 | | 785.25 | 2,613.91 |
| Net loss..... | | | 538.37 | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 198 | 265 | 26 | 93 | 287 |
| Commercial light service..... | 26 | 65 | 9 | 45 | 93 |
| Power service..... | 1 | 13 | | | 11 |
| Total..... | 225 | 343 | 35 | 138 | 391 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| Stayner 951 | Sunderland P.V. | Tara 511 | Teeswater 805 | Thornton P.V. | Tottenham 608 | Uxbridge 1,404 |
|----------------|--------------------|-------------|------------------|------------------|------------------|-------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 3,219.03 | 2,025.59 | 2,713.54 | 4,508.25 | 1,033.33 | 2,793.89 | 6,018.66 |
| 2,123.14 | 1,494.46 | 2,227.89 | 2,938.91 | 502.38 | 2,255.63 | 3,159.53 |
| 2,733.90 | 745.21 | 989.52 | 3,196.34 | 368.71 | 857.75 | 1,493.43 |
| | | | | | 288.71 | |
| 1,388.00 | 558.00 | 1,675.00 | 1,908.00 | 840.00 | 1,225.08 | 1,806.00 |
| 390.88 | | | | | | 433.49 |
| 9,854.95 | 4,823.26 | 7,605.95 | 12,551.50 | 2,744.42 | 7,421.06 | 12,911.11 |
| 5,255.72 | 2,911.01 | 4,451.22 | 6,796.93 | 1,566.47 | 4,564.47 | 8,093.99 |
| 590.49 | 130.18 | 271.92 | 112.88 | 52.70 | 384.63 | 479.05 |
| 23.57 | 20.00 | 37.32 | 74.87 | 21.01 | 15.24 | 43.89 |
| 477.69 | 212.89 | 469.52 | 540.00 | 89.85 | 209.25 | 727.08 |
| 414.03 | 258.78 | 729.41 | 1,509.08 | 552.01 | 647.94 | 976.50 |
| 811.20 | 241.43 | 721.35 | 1,326.56 | 317.64 | 297.02 | |
| 7,572.70 | 3,774.29 | 6,680.74 | 10,360.32 | 2,599.68 | 6,118.55 | 10,320.51 |
| 2,282.25 | 1,048.97 | 925.21 | 2,191.18 | 144.74 | 1,302.51 | 2,590.60 |
| 322.00 | 240.00 | 427.00 | 506.00 | 251.00 | 331.00 | 524.00 |
| 1,960.25 | 808.97 | 498.21 | 1,685.18 | | 971.51 | 2,066.60 |
| | | | | 106.26 | | |
| 218 | 97 | 110 | 197 | 44 | 117 | 272 |
| 66 | 39 | 39 | 57 | 15 | 51 | 95 |
| 9 | 3 | 4 | 8 | 2 | 5 | 12 |
| 293 | 139 | 153 | 262 | 61 | 173 | 379 |

STATEMENT

Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY
SYSTEM—Concluded**

| Municipality..... | Victoria Harbor 1,397 | Waubau- shene P.V. | Wingham | Woodville | GEORGIAN BAY SYSTEM SUMMARY |
|---|-----------------------------|--------------------------|-----------|-----------|--------------------------------------|
| Population..... | | | 2,316 | 415 | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 2,315.06 | 1,755.40 | 11,384.26 | 1,805.22 | 358,069.59 |
| Commercial light..... | 912.73 | 442.42 | 7,471.78 | 841.78 | 202,870.01 |
| Commercial power..... | | 1,237.81 | 10,547.71 | 1,222.61 | 336,360.79 |
| Municipal power..... | | 94.48 | 262.69 | | 17,694.89 |
| Street lighting..... | 912.00 | 434.50 | 3,459.66 | 528.00 | 90,746.69 |
| Merchandise..... | | | | | 1,492.21 |
| Miscellaneous..... | 11.30 | | 1,482.69 | 159.50 | 17,629.58 |
| Total earnings..... | 4,151.09 | 3,964.61 | 34,608.79 | 4,557.11 | 1,024,863.76 |
| EXPENSES | | | | | |
| Power purchased..... | 2,349.65 | 1,732.15 | 18,036.17 | 2,532.08 | 611,892.58 |
| Substation operation..... | | | 1,767.24 | | 6,171.16 |
| Substation maintenance..... | | | | | 4,273.11 |
| Distribution system, operation and maintenance..... | 26.18 | 105.49 | 2,053.16 | 216.75 | 40,619.85 |
| Line transformer maintenance..... | | | | | 699.94 |
| Meter maintenance..... | | | | | 3,318.86 |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 8.68 | 20.03 | 126.11 | 26.30 | 7,516.67 |
| Promotion of business..... | | | | | 419.89 |
| Billing and collecting..... | | | 602.02 | | 15,307.76 |
| General office, salaries and expenses | 412.65 | 340.35 | 752.34 | 222.98 | 40,568.02 |
| Undistributed expenses..... | | | 569.75 | | 11,496.77 |
| Interest..... | 189.51 | 110.93 | 3,326.40 | 198.59 | 49,066.99 |
| Sinking fund and principal payments on debentures..... | 354.42 | 191.46 | 3,592.39 | 175.76 | 51,066.26 |
| Total expenses..... | 3,341.09 | 2,500.41 | 30,825.58 | 3,372.46 | 842,417.86 |
| Gross surplus..... | 810.00 | 1,464.20 | 3,783.21 | 1,184.65 | 182,445.90 |
| Gross loss..... | | | | | |
| Depreciation..... | 335.00 | 205.00 | 2,119.00 | 166.00 | 48,301.40 |
| Net surplus..... | 475.00 | 1,259.20 | 1,664.21 | 1,018.65 | 134,144.50 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 150 | 110 | 507 | 91 | 18,303 |
| Commercial light service..... | 33 | 15 | 160 | 27 | 4,439 |
| Power service..... | | 6 | 26 | 3 | 588 |
| Total..... | 183 | 131 | 693 | 121 | 23,330 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

ST. LAWRENCE
SYSTEM

| Alexandria 2,267 | Apple Hill P.V. | Brockville 9,133 | Chesterville 1,036 | Finch 361* | Lancaster 588 | Martintown P.V. |
|---------------------|--------------------|---------------------|-----------------------|---------------|------------------|--------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 6,912.24 | 985.26 | 31,410.58 | 3,939.78 | 1,477.92 | 1,718.93 | 779.88 |
| 4,576.93 | 681.03 | 20,795.44 | 2,040.43 | 1,150.81 | 1,639.69 | 720.55 |
| 7,413.94 | 433.64 | 36,714.49 | 6,361.51 | 1,077.93 | 129.13 | ..... |
| 2,068.39 | ..... | 5,949.67 | ..... | ..... | ..... | ..... |
| 2,932.25 | 463.31 | 9,028.00 | 1,032.00 | 795.60 | 1,496.50 | 300.00 |
| ..... | ..... | ..... | 404.88 | ..... | ..... | ..... |
| ..... | ..... | 6,390.63 | 397.99 | ..... | ..... | 73.77 |
| 23,903.75 | 2,563.24 | 110,288.81 | 14,176.59 | 4,502.26 | 4,984.25 | 1,874.20 |
| | | | | | | |
| 15,171.80 | 1,544.23 | 45,212.02 | 9,830.79 | 2,820.76 | 3,399.73 | 980.94 |
| ..... | ..... | 5,472.34 | ..... | ..... | ..... | ..... |
| ..... | ..... | 506.78 | ..... | ..... | ..... | ..... |
| 1,411.77 | 57.55 | 2,355.11 | 1,429.38 | 140.15 | 41.61 | 55.65 |
| ..... | ..... | 56.57 | ..... | ..... | ..... | ..... |
| ..... | ..... | 2,381.92 | ..... | ..... | ..... | ..... |
| | | | | | | |
| 256.93 | 23.65 | 999.01 | 106.90 | 15.82 | 104.84 | 15.00 |
| ..... | ..... | 116.20 | ..... | ..... | ..... | ..... |
| ..... | ..... | 2,083.45 | ..... | ..... | ..... | ..... |
| 1,194.19 | 293.12 | 4,499.92 | 744.76 | 215.19 | 165.24 | 54.00 |
| ..... | ..... | 2,311.86 | ..... | ..... | ..... | ..... |
| 1,982.75 | 291.81 | 7,515.28 | 262.46 | 545.34 | 772.79 | 277.85 |
| 2,094.51 | 227.14 | 2,791.86 | 146.06 | 190.29 | 531.38 | 245.25 |
| 22,111.95 | 2,437.50 | 76,302.32 | 12,520.35 | 3,927.55 | 5,015.59 | 1,628.69 |
| | | | | | | |
| 1,791.80 | 125.74 | 33,986.49 | 1,656.24 | 574.71 | ..... | 245.51 |
| ..... | ..... | ..... | ..... | ..... | 31.34 | ..... |
| 1,078.00 | 120.00 | 5,806.00 | 470.00 | ..... | 225.00 | 110.00 |
| 713.80 | 5.74 | 28,180.49 | 1,186.24 | 574.71 | ..... | 135.51 |
| ..... | ..... | ..... | ..... | ..... | 256.34 | ..... |
| | | | | | | |
| 281 | 37 | 2,317 | 205 | 66 | 69 | 33 |
| 106 | 17 | 401 | 62 | 28 | 33 | 19 |
| 14 | 1 | 68 | 3 | 1 | 1 | ..... |
| 401 | 55 | 2,786 | 270 | 95 | 103 | 52 |

*Ten months' operation.

STATEMENT

Detailed Operating Reports of Electrical Departments of

ST. LAWRENCE
SYSTEM—Concluded

| Municipality..... | Maxville | Prescott | Russell P.V. | Williams- burg P.V. | Winchester |
|---|----------|-----------|-----------------|---------------------------|------------|
| Population..... | 782 | 2,709 | | | 1,068 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 3,036.28 | 11,023.50 | 2,576.56 | 1,135.39 | 5,089.02 |
| Commercial light..... | 2,035.91 | 6,871.96 | 1,721.06 | 535.33 | 2,260.84 |
| Commercial power..... | 228.28 | 4,400.96 | | 219.87 | 979.29 |
| Municipal power..... | | 1,917.16 | | | |
| Street lighting..... | 1,770.05 | 3,425.00 | 1,012.00 | 234.00 | 1,053.00 |
| Merchandise..... | | | | | 549.44 |
| Miscellaneous..... | | 482.78 | | 68.10 | 400.00 |
| Total earnings..... | 7,070.52 | 28,121.36 | 5,309.62 | 2,192.69 | 10,331.59 |
| EXPENSES | | | | | |
| Power purchased..... | 4,231.14 | 13,851.45 | 3,345.22 | 1,606.58 | 7,293.42 |
| Substation operation..... | | 1,716.99 | | | |
| Substation maintenance..... | | 88.76 | | | |
| Distribution system, operation and maintenance..... | 154.10 | 2,328.30 | 62.69 | 76.43 | 1,133.14 |
| Line transformer maintenance..... | | 45.00 | | | |
| Meter maintenance..... | | 199.82 | | | |
| Consumers' premises expenses..... | | | | | |
| Street lighting, operation and main- tenance..... | 151.71 | 488.47 | 111.73 | 25.61 | 99.50 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | | 1,058.28 | | | |
| General office, salaries and expenses..... | 292.57 | 2,087.77 | 269.21 | 94.06 | 846.79 |
| Undistributed expenses..... | | 308.18 | | | |
| Interest..... | 775.06 | 510.54 | 582.35 | 63.84 | 442.06 |
| Sinking fund and principal payments on debentures..... | 667.51 | 1,407.57 | 319.21 | 156.83 | 287.18 |
| Total expenses..... | 6,272.09 | 24,091.13 | 4,690.41 | 2,023.35 | 10,102.09 |
| Gross surplus..... | 798.43 | 4,030.23 | 619.21 | 169.34 | 229.50 |
| Gross loss..... | | | | | |
| Depreciation..... | 407.00 | 2,117.00 | 223.00 | 106.00 | 490.00 |
| Net surplus..... | 391.43 | 1,913.23 | 396.21 | 63.34 | |
| Net loss..... | | | | | 260.50 |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 124 | 596 | 96 | 54 | 264 |
| Commercial light service..... | 49 | 158 | 32 | 18 | 60 |
| Power service..... | 2 | 19 | | 1 | 3 |
| Total..... | 175 | 773 | 128 | 73 | 327 |

"B"—Continued

Hydro Municipalities for Year Ended December 31, 1928

| | | RIDEAU SYSTEM | | | | | |
|--------------------------------------|----|----------------------------|-------------------------|-------------------|--------------------|---------------------------|-----------------------------|
| ST. LAWRENCE SYSTEM SUMMARY | | Carleton Place 4,228 | Kemptville 1,163 | Lanark 549 | Perth 3,664 | Smiths Falls 7,006 | RIDEAU SYSTEM SUMMARY |
| \$ | c. | \$ | c. | \$ | c. | \$ | c. |
| 70,085.34 | | 18,363.58 | | 5,859.46 | | 2,298.75 | |
| 45,029.98 | | 9,689.85 | | 6,742.66 | | 1,228.42 | |
| 57,959.04 | | 17,649.60 | | 4,016.39 | | 139.77 | |
| 9,935.22 | | 2,598.03 | | | | 2,767.19 | |
| 23,541.71 | | 2,849.00 | | 1,599.00 | | 733.40 | |
| 954.32 | | 316.03 | | 32.21 | | | |
| 7,813.27 | | 1,296.25 | | 729.88 | | 108.76 | |
| 215,318.88 | | 52,762.34 | | 18,979.60 | | 4,509.10 | |
| 215,318.88 | | 52,762.34 | | 18,979.60 | | 4,509.10 | |
| 215,318.88 | | 52,762.34 | | 18,979.60 | | 4,509.10 | |
| 109,288.08 | | 36,787.51 | | 9,016.25 | | 2,993.70 | |
| 7,189.33 | | | | | | 33,877.76 | |
| 595.54 | | 115.64 | | | | 360.00 | |
| 9,245.88 | | 2,053.51 | | 1,761.98 | | 39.94 | |
| 101.57 | | 74.95 | | | | 1,915.83 | |
| 2,581.74 | | 236.12 | | | | 48.20 | |
| | | | | | | 369.07 | |
| 2,399.17 | | 505.42 | | 84.37 | | 36.08 | |
| 116.20 | | | | | | 128.92 | |
| 3,141.73 | | 1,501.07 | | | | | |
| 10,756.82 | | 2,965.33 | | 947.56 | | 303.24 | |
| 2,620.04 | | 763.27 | | 171.51 | | | |
| 14,022.13 | | 3,269.15 | | 1,348.96 | | 355.03 | |
| 9,064.79 | | 1,800.66 | | 475.48 | | 347.07 | |
| 171,123.02 | | 50,072.63 | | 13,806.11 | | 4,075.06 | |
| 44,195.86 | | 2,689.71 | | 5,173.49 | | 434.04 | |
| 11,152.00 | | 1,572.00 | | 662.00 | | 190.00 | |
| 33,043.86 | | 1,117.71 | | 4,511.49 | | 244.04 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 5,238 | | 1,078 | | 352 | | 152 | |
| 4,142 | | 878 | | 273 | | 117 | |
| 983 | | 184 | | 72 | | 33 | |
| 113 | | 16 | | 7 | | 2 | |

STATEMENT

Detailed Operating Reports of Electrical Departments of

THUNDER BAY
SYSTEM

| Municipality..... | Fort William 22,518 | Nipigon P.V. | Port Arthur 17,413 | THUNDER BAY SYSTEM SUMMARY |
|--|------------------------|-----------------|-----------------------|----------------------------------|
| Population..... | | | | |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 161,194.49 | 2,200.69 | 93,471.98 | 256,867.16 |
| Commercial light..... | 63,136.08 | 1,772.14 | 60,415.45 | 125,323.67 |
| Commercial power..... | 52,572.35 | | 815,097.83 | 867,670.18 |
| Municipal power..... | 20,910.96 | | 38,581.10 | 59,492.06 |
| Street lighting..... | 17,778.00 | 500.00 | 14,195.04 | 32,473.04 |
| Merchandise..... | | | | |
| Miscellaneous..... | | | 14,767.68 | 14,767.68 |
| Total earnings..... | 315,591.88 | 4,472.83 | 1,036,529.08 | 1,356,593.79 |
| EXPENSES | | | | |
| Power purchased..... | 211,573.00 | 1,260.77 | 728,741.26 | 941,575.03 |
| Substation operation..... | 5,612.93 | | 17,737.11 | 23,350.04 |
| Substation maintenance..... | 405.48 | | 2,274.53 | 2,680.01 |
| Distribution system, operation and maintenance..... | 8,194.53 | 325.79 | 10,920.56 | 19,440.88 |
| Line transformer maintenance..... | 1,445.42 | | 469.84 | 1,915.26 |
| Meter maintenance..... | 7,763.36 | | 3,214.58 | 10,977.94 |
| Consumers' premises expenses..... | | | | |
| Street lighting, operation and maintenance..... | 6,474.64 | 28.06 | 3,358.80 | 9,861.50 |
| Promotion of business..... | | | 457.88 | 457.88 |
| Billing and collecting..... | 5,442.10 | | 5,440.14 | 10,882.24 |
| General office, salaries and expenses..... | 8,797.01 | 260.52 | 14,237.55 | 23,295.08 |
| Undistributed expenses..... | 4,742.43 | | 13,333.06 | 18,075.49 |
| Interest..... | 20,797.29 | 500.09 | 21,379.86 | 42,677.24 |
| Sinking fund and principal payments on debentures..... | 13,162.68 | 323.77 | 9,395.65 | 22,882.10 |
| Total expenses..... | 294,410.87 | 2,699.00 | 830,960.82 | 1,128,070.69 |
| Gross surplus..... | 21,181.01 | 1,773.83 | 205,568.26 | 228,523.10 |
| Gross loss..... | | | | |
| Depreciation..... | 13,810.00 | 288.00 | 21,300.00 | 35,398.00 |
| Net surplus..... | 7,371.01 | 1,485.83 | 184,268.26 | 193,125.10 |
| Net loss..... | | | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service..... | 5,399 | 93 | 3,891 | 9,383 |
| Commercial light service..... | 926 | 29 | 751 | 1,706 |
| Power service..... | 109 | | 103 | 212 |
| Total..... | 6,434 | 122 | 4,745 | 11,301 |

“B”—Continued

Hydro Municipalities for Year Ended December 31, 1928

| OTTAWA SYSTEM | | | TRENT SYSTEM | | | |
|---------------|----------|-----------------------|--------------|-----------|------------|-----------|
| Ottawa | Richmond | OTTAWA SYSTEM SUMMARY | Bloomfield | Havelock | Kingston | Lakefield |
| 119,254 | 368* | | 600 | 1,069 | 21,633 | 1,343 |
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 278,094.78 | 228.20 | 278,322.98 | 2,610.65 | 5,932.75 | 94,693.51 | 5,903.58 |
| 133,523.10 | 537.62 | 134,060.72 | 1,019.75 | 1,596.92 | 72,604.16 | 4,639.82 |
| 55,253.04 | | 55,253.04 | 2,948.91 | 6,725.27 | 64,336.70 | 3,257.39 |
| 34,671.32 | | 34,671.32 | | | 6,891.81 | |
| 60,278.52 | 241.50 | 60,520.02 | 663.75 | 1,566.00 | 20,000.00 | 1,818.00 |
| 1,032.47 | | 1,032.47 | | | | |
| 7,130.36 | | 7,130.36 | 238.15 | 158.35 | 8,466.36 | 444.44 |
| 569,983.59 | 1,007.32 | 570,990.91 | 7,481.21 | 15,979.29 | 266,992.54 | 16,063.23 |
| 211,309.52 | 519.39 | 211,828.91 | 4,876.62 | 10,213.35 | 96,100.87 | 6,983.97 |
| 16,551.17 | | 16,551.17 | | | 5,401.42 | |
| | | | | | 8,317.81 | |
| 31,132.57 | 5.65 | 31,138.22 | 207.88 | 797.05 | 13,326.75 | 1,303.68 |
| 541.42 | | 541.42 | | | 2,014.96 | |
| 9,827.96 | | 9,827.96 | | | 3,622.95 | |
| | | | | | 1,800.00 | |
| 32,917.35 | 3.37 | 32,920.72 | 46.48 | 117.85 | 6,578.59 | 69.91 |
| 8,414.01 | | 8,414.01 | | | 108.75 | |
| 34,361.61 | | 34,361.61 | | | 5,645.94 | |
| 22,551.69 | 237.32 | 22,789.01 | 376.32 | 392.18 | 9,364.85 | 485.06 |
| 25,490.04 | | 25,490.04 | | 204.39 | 30,019.51 | |
| 43,463.44 | 45.60 | 43,509.04 | 558.42 | 1,541.56 | 12,917.46 | 1,968.86 |
| 19,673.51 | | 19,673.51 | 301.76 | 1,326.81 | 10,782.87 | 602.72 |
| 456,234.29 | 811.33 | 457,045.62 | 6,367.48 | 14,593.19 | 206,002.73 | 11,414.20 |
| 113,749.30 | 195.99 | 113,945.29 | 1,113.73 | 1,386.10 | 60,989.81 | 4,649.03 |
| 51,291.00 | | 51,291.00 | 341.00 | 705.00 | 13,933.00 | 820.00 |
| 62,458.30 | 195.99 | 62,654.29 | 772.73 | 681.10 | 47,056.81 | 3,829.03 |
| 11,568 | 27 | 11,595 | 146 | 291 | 5,087 | 272 |
| 1,453 | 24 | 1,477 | 23 | 47 | 858 | 74 |
| 193 | | 193 | 10 | 3 | 125 | 8 |
| 13,214 | 51 | 13,265 | 179 | 341 | 6,070 | 354 |

*Four months' operation.

STATEMENT

Detailed Operating Reports of Electrical Departments of

TRENT
SYSTEM—Concluded

| Municipality..... | Lindsay | Marmora | Norwood | Omemee | Peterboro' |
|--|-----------|----------|----------|----------|------------|
| Population..... | 7,296* | 876 | 754 | 517 | 21,519 |
| EARNINGS | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| Domestic service..... | 29,596.28 | 2,943.39 | 4,048.43 | 2,464.98 | 103,040.60 |
| Commercial light..... | 18,395.87 | 1,678.42 | 2,150.17 | 1,139.98 | 66,794.97 |
| Commercial power..... | 26,354.91 | 924.05 | 1,803.07 | 435.70 | 93,141.39 |
| Municipal power..... | 2,873.89 | | | | 7,417.15 |
| Street lighting..... | 6,364.65 | 1,566.00 | 1,725.00 | 868.00 | 17,872.51 |
| Merchandise..... | 596.03 | | | | |
| Miscellaneous..... | | 83.35 | 176.54 | | 2,677.56 |
| Total earnings..... | 84,181.63 | 7,195.21 | 9,903.21 | 4,908.66 | 290,944.18 |
| EXPENSES | | | | | |
| Power purchased..... | 42,749.33 | 3,997.81 | 4,332.24 | 2,215.68 | 165,335.15 |
| Substation operation..... | | | | | 3,730.93 |
| Substation maintenance..... | | | | | 659.94 |
| Distribution system, operation and maintenance..... | 3,044.28 | 79.03 | 668.70 | 505.36 | 7,202.44 |
| Line transformer maintenance..... | 307.92 | | | | 625.94 |
| Meter maintenance..... | 436.10 | | | | 4,514.48 |
| Consumers' premises expenses..... | 374.64 | | | | 450.00 |
| Street lighting, operation and maintenance..... | 1,433.66 | 67.30 | 54.13 | 48.55 | 3,208.97 |
| Promotion of business..... | | | | | |
| Billing and collecting..... | 2,157.71 | | | | 7,860.50 |
| General office, salaries and expenses..... | 6,701.98 | 511.48 | 279.80 | 255.02 | 6,711.36 |
| Undistributed expenses..... | 882.74 | | 208.83 | | 9,013.49 |
| Interest..... | 4,754.64 | 804.85 | 1,986.65 | 478.09 | 26,458.50 |
| Sinking fund and principal payments on debentures..... | 2,948.64 | 789.76 | 766.82 | 568.15 | 14,263.54 |
| Total expenses..... | 65,791.64 | 6,250.23 | 8,297.17 | 4,070.85 | 250,035.24 |
| Gross surplus..... | 18,389.99 | 944.98 | 1,606.04 | 837.81 | 40,908.94 |
| Gross loss..... | | | | | |
| Depreciation..... | 2,565.00 | 440.00 | 830.00 | 453.00 | 12,555.00 |
| Net surplus..... | 15,824.99 | 504.98 | 776.04 | 384.81 | 28,353.94 |
| Net loss..... | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service..... | 1,788 | 172 | 209 | 130 | 5,134 |
| Commercial light service..... | 330 | 48 | 70 | 25 | 995 |
| Power service..... | 69 | 3 | 5 | 5 | 152 |
| Total..... | 2,187 | 223 | 284 | 160 | 6,281 |

*Nine months' operation.

"B"—Concluded

Hydro Municipalities for Year Ended December 31, 1928

| Picton 3,288 | Warkworth P.V. | Wellington 822 | Whitby 3,422 | TRENT SYSTEM SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|-----------------|-------------------|-------------------|-----------------|----------------------------|---------------------------------|
| \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. |
| 16,792.45 | 1,679.24 | 4,302.94 | 16,440.06 | 290,448.86 | 8,925,050.56 |
| 8,646.58 | 1,061.91 | 2,095.30 | 8,871.48 | 190,695.33 | 5,182,723.32 |
| 7,874.93 | | 3,284.30 | 16,515.98 | 227,602.60 | 8,298,669.44 |
| 2,644.83 | | 29.83 | 1,961.89 | 21,819.40 | 1,921,300.97 |
| 3,575.04 | 864.00 | 877.48 | 3,132.71 | 60,893.14 | 1,534,476.98 |
| 2,059.81 | | | 112.80 | 2,768.64 | 48,451.90 |
| 1,266.76 | 151.49 | 250.00 | 633.05 | 14,546.05 | 465,791.92 |
| 42,860.40 | 3,756.64 | 10,839.85 | 47,667.97 | 808,774.02 | 26,376,465.09 |
| 29,352.69 | 2,309.19 | 6,072.47 | 29,980.73 | 404,520.10 | 14,688,570.08 |
| | | | 1,873.59 | 11,005.94 | 420,512.48 |
| | | | | 8,977.75 | 247,647.88 |
| 1,597.89 | 87.92 | 732.51 | 3,211.03 | 32,764.52 | 736,159.85 |
| 53.58 | | | 57.49 | 3,059.89 | 88,676.18 |
| 18.62 | | | 304.07 | 8,896.22 | 218,530.96 |
| | | | | 2,624.64 | 291,333.03 |
| 1,318.78 | 25.55 | 137.37 | 721.17 | 13,828.31 | 329,597.16 |
| | | | | 108.75 | 249,842.01 |
| 1,047.44 | | | 1,417.90 | 18,129.49 | 638,797.02 |
| 3,223.60 | 176.96 | 548.13 | 1,504.96 | 30,531.70 | 844,578.55 |
| 949.37 | | | 752.17 | 42,030.50 | 542,755.34 |
| 66.86 | 633.42 | 853.04 | 1,759.55 | 54,781.90 | 2,111,049.49 |
| 453.24 | 165.72 | 468.14 | 1,940.17 | 35,378.34 | 1,601,711.32 |
| 38,082.07 | 3,398.76 | 8,811.66 | 43,522.83 | 666,638.05 | 23,009,761.35 |
| 4,778.33 | 357.88 | 2,028.19 | 4,145.14 | 142,135.97 | 3,366,703.74 |
| 1,400.00 | 160.00 | 584.00 | 1,671.91 | 36,457.91 | 1,350,252.16 |
| 3,378.33 | 197.88 | 1,444.19 | 2,473.23 | 105,678.06 | 2,016,451.58 |
| 927 | 90 | 253 | 778 | 15,277 | 390,530 |
| 190 | 42 | 59 | 144 | 2,905 | 64,989 |
| 46 | | 7 | 16 | 449 | 11,480 |
| 1,163 | 132 | 319 | 938 | 18,631 | 466,999 |

STATEMENT "C"

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|-------------------------|--|-------------------------------------|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Acton..... | 1,870 | { 120 61 3 | 80 c.p. <i>s</i> 100 watt <i>m</i> 300 watt <i>m</i> | { 10.00 10.00 21.00 } | 1,881.85 | 1.00 |
| Agincourt..... | | 52 | 100 watt <i>m</i> | 13.00 | 660.84 | ** |
| Ailsa Craig..... | 509 | 56 | 100 watt <i>m</i> | 10.00 | 560.00 | 1.10 |
| Alexandria..... | 2,267 | { 94 41 | 100 watt <i>m</i> 200 watt <i>m</i> | { 19.00 29.00 } | 2,932.25 | 1.29 |
| Alliston..... | 1,336 | { 101 12 1 | 100 c.p. <i>s</i> 100 watt <i>m</i> 100 watt <i>m</i> | { 20.00 20.00 18.00 } | 2,278.00 | 1.70 |
| Alvinston..... | 626 | { 84 5 | 100 watt <i>m</i> 200 watt <i>m</i> | { 20.00 40.00 } | 1,820.00 | 2.90 |
| Amherstburg..... | 3,000 | { 84 9 | 100 c.p. <i>s</i> 250 c.p. <i>s</i> | { 9.50 21.50 } | 985.91 | 0.33 |
| Ancaster Twp..... | | { 81 4 | 100 watt <i>m</i> 300 watt <i>m</i> | { 12.00 26.00 } | 1,076.00 | ** |
| Apple Hill..... | | 23 | 100 watt <i>m</i> | 20.00 | 463.31 | ** |
| Arkona..... | 386 | 48 | 100 watt <i>m</i> | 22.00 | 1,034.00 | 2.68 |
| Arthur..... | 1,018 | { 83 4 | 100 watt <i>m</i> 200 watt <i>m</i> | { 25.00 38.00 } | 2,227.08 | 2.19 |
| Aylmer..... | 2,168 | { 153 14 1 | 100 watt <i>m</i> 300 watt <i>m</i> 1,000 watt <i>m</i> | { 11.00 25.00 52.00 } | 2,070.33 | 0.95 |
| Ayr..... | 796 | { 88 3 | 100 watt <i>m</i> 500 watt <i>m</i> | { 10.00 36.00 } | 889.98 | 1.12 |
| Baden..... | | 65 | 100 watt <i>m</i> | 8.00 | 520.00 | ** |
| Barrie..... | 7,175 | { 449 15 41 23 | 150 c.p. <i>s</i> 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> | { 8.00 15.00 18.00 22.00 } | 5,061.00 | 0.70 |
| Barton Twp..... | | { 281 1 1 | 100 watt <i>m</i> 200 watt <i>m</i> 200 watt <i>m</i> | { 12.00 11.50 24.00 } | 2,804.00 | ** |
| Beachville..... | | 48 | 100 watt <i>m</i> | 11.00 | 528.00 | ** |
| Beaverton..... | 984 | { 106 8 | 100 watt <i>m</i> 100 watt <i>m</i> | { 10.00 7.00 } | 1,118.47 | 1.14 |
| Beeton..... | 565 | { 64 14 | 100 c.p. <i>s</i> 100 watt <i>m</i> | { 18.00 18.00 } | 1,404.00 | 2.49 |
| Belle River..... | 774 | 75 | 100 watt <i>m</i> | 12.00 | 900.00 | 1.16 |

**Population not shown in Government statistics.

*s*Series system.

*m*Multiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|--------------------|------------|--------------------------------------|--|--|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Blenheim..... | 1,547 | { 136 4 13 | 150 c.p. <i>s</i> 400 c.p. <i>s</i> 600 c.p. <i>s</i> | 13.00 30.00 38.50 | 2,400.50 | 1.55 |
| Bloomfield..... | 600 | 48 | 100 c.p. <i>s</i> | 15.00 | 663.75 | 1.10 |
| Blyth..... | 624 | 99 | 100 watt <i>m</i> | 15.00 | 1,485.00 | 2.38 |
| Bolton..... | 600 | 56 | 100 watt <i>m</i> | 15.00 | 816.60 | 1.36 |
| Bothwell..... | 630 | { 65 21 | 100 watt <i>m</i> 300 watt <i>m</i> | 11.00 30.00 | 1,337.68 | 2.12 |
| Bradford..... | 958 | { 60 7 | 100 c.p. <i>s</i> 100 watt <i>m</i> | 22.00 21.00 | 1,474.20 | 1.54 |
| Brampton..... | 4,897 | { 633 2 | 100 watt <i>m</i> 500 watt <i>m</i> | 7.00 35.00 | 4,449.00 | 0.91 |
| Brantford..... | 27,739 | { 3472 10 12 2 20 150 | 100 watt <i>m</i> 150 watt <i>m</i> 200 watt <i>m</i> 500 watt <i>m</i> 750 watt <i>m</i> Mag. arcs | 7.50 8.50 11.00 45.00 46.00 45.00 | 33,805.25 | †† |
| Brantford Twp..... | | 319 | 100 watt <i>m</i> | 13.00 | 3,846.90 | ** |
| Brechin..... | | 26 | 100 watt <i>m</i> | 10.00 | 520.00 | ** |
| Bridgeport..... | | 40 | 100 watt <i>m</i> | 20.00 | 367.50 | † |
| Brigden..... | | { 41 18 | 60 watt <i>m</i> 100 watt <i>m</i> | 12.00 16.00 | 782.00 | ** |
| Brockville..... | 9,133 | { 554 15 40 51 | 100 c.p. <i>s</i> 1-Lt. std. <i>m</i> 3-Lt. stds. <i>m</i> 5-Lt. stds. <i>m</i> | 12.00 18.00 22.00 25.00 | 9,028.00 | 0.99 |
| Brussels..... | 771 | { 79 18 | 100 watt <i>m</i> 200 watt <i>m</i> | 13.00 20.00 | 1,387.00 | 1.80 |
| Burford..... | | 67 | 100 watt <i>m</i> | 13.00 | 888.00 | ** |
| Burgessville..... | | 23 | 100 watt <i>m</i> | 14.00 | 322.00 | ** |
| Caledonia..... | 1,460 | { 160 20 | 100 watt <i>m</i> 200 watt <i>m</i> | 8.00 13.00 | 1,522.73 | 1.04 |
| Campbellville..... | | 19 | 100 watt <i>m</i> | 24.00 | 456.00 | ** |
| Cannington..... | 890 | 73 | 100 watt <i>m</i> | 15.00 | 1,088.75 | 1.22 |
| Carleton Place... | 4,228 | 259 | 60 watt <i>m</i> | 11.00 | 2,849.00 | 0.67 |
| Cayuga..... | 698 | 77 | 100 watt <i>m</i> | 18.00 | 1,384.50 | 1.98 |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system.

††Part of cost paid direct in form of debenture charges. †Nine months operation.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|-------------------------|--|------------------|----------------------------------|-------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Chatham..... | 14,727 | { 37 709 90 68 | 150 c.p. 150 c.p. 600 c.p. 1,000 c.p. | s s s s | 12.00 13.00 30.00 38.00 | 14,925.27 | 1.01 |
| Chatsworth..... | 316 | { 15 26 | 150 watt 100 watt | m m | 14.00 11.00 | 496.00 | 1.57 |
| Chesley..... | 1,722 | 113 | 100 c.p. | s | 15.00 | 1,682.50 | 0.98 |
| Chesterville..... | 1,036 | 86 | 100 watt | m | 12.00 | 1,032.00 | 0.99 |
| Chippawa..... | 1,129 | 83 | 100 watt | m | 12.00 | 996.00 | 0.88 |
| Clifford..... | 536 | 54 | 100 watt | m | 16.00 | 857.36 | 1.60 |
| Clinton..... | 1,981 | { 157 11 | 150 c.p. 100 watt | s m | 11.00 11.00 | 1,938.49 | 0.98 |
| Coldwater..... | 606 | 48 | 100 watt | m | 11.00 | 528.00 | 0.87 |
| Collingwood..... | 5,728 | 419 | 150 c.p. | s | 8.00 | 3,352.00 | 0.58 |
| Comber..... | | 54 | 100 watt | m | 12.00 | 648.00 | ** |
| Cookstown..... | | 56 | 100 c.p. | s | 18.00 | 1,008.00 | ** |
| Cottam..... | | 24 | 100 watt | m | 18.00 | 440.00 | ** |
| Courtright..... | 396 | 43 | 100 watt | m | 20.00 | 850.00 | 2.15 |
| Creemore..... | 643 | 59 | 100 watt | m | 10.00 | 579.24 | 0.90 |
| Dashwood..... | | 41 | 100 watt | m | 14.00 | 574.00 | ** |
| Delaware..... | | 19 | 100 watt | m | 13.00 | 247.00 | ** |
| Dorchester..... | | 42 | 100 watt | m | 12.00 | 501.09 | ** |
| Drayton..... | 593 | 70 | 100 watt | m | 12.00 | 840.00 | 1.41 |
| Dresden..... | 1,396 | { 127 15 | 100 c.p. 40 watt | s m | 14.00 4.00 | 1,806.78 | 1.29 |
| Drumbo..... | | 38 | 100 watt | m | 15.00 | 570.00 | ** |
| Dublin..... | | 44 | 100 watt | m | 18.00 | 774.00 | ** |
| Dundalk..... | 558 | 93 | 100 watt | m | 9.00 | 837.00 | 1.50 |
| Dundas..... | 5,005 | { 318 10 7 | 100 watt 200 watt 500 watt | m m m | 11.00 16.00 36.00 | 3,909.65 | 0.78 |
| Dunnville..... | 3,387 | { 235 27 | 100 c.p. 600 c.p. | s s | 12.00 50.00 | 4,154.08 | 1.23 |
| Durham..... | 1,694 | 110 | 150 c.p. | s | 16.00 | 1,758.47 | 1.04 |
| Dutton..... | 800 | 104 | 100 watt | m | 9.00 | 942.75 | 1.18 |

**Population not shown in Government statistics.

sSeries system.

mMultiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|--------------------|------------|----------------------------------|---|--|-------------------------|-----------------------|
| Elmira..... | 2,572 | { 188 8 | 100 watt <i>m</i> 200 watt <i>m</i> | \$ c. 9.00 13.00 | \$ c. 1,796.00 | \$ c. 0.70 |
| Elmvale..... | | 59 | 100 watt <i>m</i> | 13.00 | 766.98 | ** |
| Elmwood..... | | 23 | 150 watt <i>m</i> | 21.00 | 483.00 | ** |
| Elora..... | 1,170 | 101 | 100 watt <i>m</i> | 16.00 | 1,602.59 | 1.37 |
| Embro..... | 443 | 54 | 100 watt <i>m</i> | 14.00 | 756.00 | 1.71 |
| Erieau..... | 226 | 21 | 100 watt <i>m</i> | 20.00 | 420.00 | |
| Essex..... | 1,809 | { 106 30 4 | 60 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> | 11.00 15.00 24.00 | 1,508.25 | 0.83 |
| Etobicoke Twp..... | | 1,024 | 100 watt <i>m</i> | 13.00 | 12,704.82 | * |
| Exeter..... | 1,590 | { 164 23 | 100 watt <i>m</i> 200 watt <i>m</i> | 9.00 18.00 | 1,881.24 | 1.18 |
| Fergus..... | 2,184 | { 126 30 | 100 watt <i>m</i> 150 watt <i>m</i> | 16.00 18.50 | 2,560.34 | 1.17 |
| Finch..... | 361 | 31 | 100 watt <i>m</i> | 28.00 | 795.60 | 2.20 |
| Flesherton..... | 412 | 49 | 100 watt <i>m</i> | 10.00 | 490.00 | 1.19 |
| Fonthill..... | 708 | 60 | 100 watt <i>m</i> | 12.00 | 720.00 | 1.02 |
| Ford City..... | 13,105 | { 302 119 126 | 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> | 9.00 16.00 22.00 | 7,362.42 | †† |
| Forest..... | 1,443 | { 123 131 | 100 watt <i>m</i> 60 watt <i>m</i> | 11.00 7.00 | 2,253.00 | 1.56 |
| Fort William..... | 22,518 | { 152 49 382 206 100 | 1,000 c.p. <i>s</i> 600 c.p. <i>s</i> 150 c.p. <i>s</i> 100 watt <i>m</i> Arcs | 45.00 30.00 8.50 8.50 45.00 | 17,778.00 | 0.79 |
| Galt..... | 12,576 | { 4 975 316 152 74 | 100 c.p. <i>s</i> 100 c.p. <i>s</i> 100 watt <i>m</i> 300 watt <i>m</i> 500 watt <i>m</i> | 12.00 9.00 12.00 35.00 40.00 | 20,904.02 | 1.67 |
| Georgetown..... | 1,970 | { 170 1 17 | 100 watt <i>m</i> 300 watt <i>m</i> 100 watt <i>m</i> | 12.00 19.00 13.00 | 2,272.09 | ‡ |
| Glencoe..... | 782 | { 101 23 | 100 watt <i>m</i> 200 watt <i>m</i> | 16.00 23.00 | 1,874.00 | 2.40 |

**Population not shown in Government statistics.

*s*Series system.

*m*Multiple system.

††Part of cost paid direct in form of debenture charges.

‡Includes Glen Williams.

‡Summer population not in statistics.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|------------------|------------|---|---|---|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Goderich..... | 4,242 | { 316 8 8 16 | 100 c.p. <i>s</i> 100 watt <i>m</i> 200 watt <i>m</i> 3-Lt. stds. <i>m</i> | { 9.00 15.00 25.00 35.00 | 3,728.50 | 0.88 |
| Grand Valley.... | 546 | 52 | 100 watt <i>m</i> | 16.00 | 832.00 | 1.53 |
| Granton..... | | 35 | 100 watt <i>m</i> | 10.00 | 350.00 | ** |
| Gravenhurst.... | 1,722 | { 16 112 11 | 100 watt <i>m</i> 100 c.p. <i>s</i> 150 c.p. <i>s</i> | { 11.00 11.00 13.00 | 1,629.00 | 0.95 |
| Guelph..... | 19,007 | { 8 18 1485 31 15 1 43 1 | 500 watt <i>m</i> 60 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> 500 watt <i>m</i> 1,000 watt <i>m</i> 750 watt <i>m</i> | { 34.00 4.00 10.00 12.50 18.75 25.00 46.50 43.00 | 16,944.23 | 0.89 |
| Hagersville..... | 1,227 | 100 | 100 watt <i>m</i> | 12.00 | 1,200.00 | 0.98 |
| Hamilton..... | 123,359 | { 8127 1065 22 396 41 26 | 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> 500 watt <i>m</i> 750 watt <i>m</i> 500 watt <i>m</i> | { 7.50 11.00 18.00 37.00 55.00 32.00 | 90,643.33 | 0.73 |
| Hanover..... | 2,700 | { 16 91 12 4 | 400 c.p. <i>s</i> 150 c.p. <i>s</i> 200 watt <i>m</i> 100 watt <i>m</i> | { 32.00 27.00 32.00 27.00 | 3,461.16 | 1.28 |
| Harriston..... | 1,237 | { 89 17 | 150 c.p. <i>s</i> 100 watt <i>m</i> | { 12.00 12.00 | 1,330.00 | 1.08 |
| Harrow..... | | 59 | 100 watt <i>m</i> | 13.00 | 756.03 | ** |
| Havelock..... | 1,069 | { 63 16 | 100 c.p. <i>s</i> 250 c.p. <i>s</i> | { 18.00 27.00 | 1,566.00 | 1.47 |
| Hensall..... | 732 | 76 | 100 watt <i>m</i> | 12.00 | 875.63 | 1.20 |
| Hespeler..... | 2,815 | { 111 16 26 7 124 | 100 c.p. <i>s</i> 400 c.p. <i>s</i> 250 c.p. <i>s</i> 300 watt <i>m</i> 100 watt <i>m</i> | { 10.00 20.00 16.00 35.00 10.00 | 2,300.00 | 0.81 |
| Highgate..... | 398 | 50 | 100 watt <i>m</i> | 11.00 | 550.00 | 1.38 |
| Holstein..... | | 14 | 100 watt <i>m</i> | 35.00 | 490.00 | ** |
| Humberstone.... | 1,766 | 106 | 100 watt <i>m</i> | 12.00 | 1,272.00 | 0.72 |

**Population not shown in Government statistics.

*s*Series system.

*m*Multiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-----------------|------------|-----------------------|-------------------------------|-------------------------------|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Huntsville..... | 2,708 | { 39 | 100 c.p. s | 12.00 | 2,184.00 | 0.81 |
| | | { 15 | 400 c.p. s | 36.00 | | |
| | | { 20 | 150 c.p. s | 14.00 | | |
| | | { 10 | 50 watt m | 10.00 | | |
| | | { 58 | 75 watt m | 10.00 | | |
| | | { 27 | 50 watt m | 8.00 | | |
| Ingersoll..... | 4,997 | { 13 | 100 c.p. Pks.s | 5.50 | 4,568.08 | 0.93 |
| | | { 320 | 100 c.p. s | 11.00 | | |
| | | { 2 | 600 c.p. s | 28.00 | | |
| | | { 2 | 1,000 c.p. s | 25.00 | | |
| | | { 26 | 1,000 c.p. s | 35.00 | | |
| Jarvis..... | 468 | 56 | 100 watt m | 14.00 | 784.00 | 1.68 |
| Kemptville..... | 1,163 | 78 | 100 watt m | 20.50 | 1,599.00 | 1.37 |
| Kincardine..... | 2,189 | { 114 | 150 c.p. s | 24.00 | 3,890.00 | 1.78 |
| | | { 13 | 400 c.p. s | 29.00 | | |
| | | { 19 | 100 watt m | 18.00 | | |
| | | { 15 | 200 watt m | 29.00 | | |
| Kingston..... | 21,633 | { 84 | 100 c.p. s | }..... | 20,000.00 | 0.93 |
| | | { 429 | 600 c.p. s | | | |
| | | { 61 | 1,000 c.p. s | | | |
| Kingsville..... | 2,346 | { 138 | 250 c.p. s | 20.00 | 4,096.00 | †† |
| | | { 100 | 60 watt m | 12.00 | | |
| Kirkfield..... | | 23 | 100 watt m | 20.00 | 460.00 | ** |
| Kitchener..... | 25,856 | { 43 | 16 c.p. s | 7.00 | 31,861.64 | 1.23 |
| | | { 1940 | 80 c.p. s | 9.00 | | |
| | | { 59 | 100 watt s | 9.00 | | |
| | | { 342 | 200 watt m | 15.00 | | |
| | | { 22 | 250 c.p. m | 13.00 | | |
| | | { 65 | 300 watt m | 17.50 | | |
| | | { 27 | 300 watt m | 15.00 | | |
| | | { 77 | 300 watt m | 20.00 | | |
| | | { 145 | 500 watt m | 25.00 | | |
| Lakefield..... | 1,343 | { 18 | 1,000 c.p. m | 25.00 | 1,818.00 | 1.35 |
| | | { 101 | 100 watt m | 18.00 | | |
| Lambeth..... | | { 32 | 100 watt m | 13.00 | 439.00 | ** |
| | | { 1 | 200 watt m | 23.00 | | |
| Lanark..... | 549 | 37 | 100 watt m | 20.00 | 733.40 | 1.34 |
| Lancaster..... | 588 | 41 | 100 watt m | 36.50 | 1,496.50 | 2.55 |
| La Salle..... | 647 | 64 | 100 watt m | 17.00 | 1,088.04 | 1.68 |
| Leamington..... | 5,011 | { 149 | 100 watt m | 13.00 | 6,699.80 | †† |
| | | { 20 | 200 watt m | 17.00 | | |
| | | { 141 | 400 c.p. s | 28.00 | | |
| | | { 38 | 600 c.p. s | 33.00 | | |

**Population not shown in Government statistics. sSeries system. mMultiple system.

††Part of cost paid direct in form of debenture charges.

‡Installation and renewals paid by church.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-----------------|------------|---|---|---|-------------------------|-----------------------|
| Lindsay..... | 7,296 | { 395 25 | 100 c.p. <i>s</i> 1,000 c.p. <i>s</i> | \$ c. 15.00 70.00 | \$ c. 6,364.65 | \$ c. † |
| Listowel..... | 2,448 | { 138 114 7 24 3 | 60 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> 500 watt <i>m</i> | 9.00 11.00 25.00 30.00 35.00 | 3,177.95 | 1.30 |
| London..... | 64,293 | { 188 2267 354 89 22 27 146 | 600 c.p. <i>s</i> 150 c.p. <i>s</i> 400 c.p. <i>s</i> 500 watt <i>m</i> 267 watt <i>m</i> 200 watt <i>m</i> 100 watt <i>m</i> | 35.00 11.00 28.00 45.00 22.00 15.00 11.00 | 44,236.64 | †† |
| London Twp..... | | 51 | 100 watt <i>m</i> | 12.00 | 612.00 | ** |
| Lucan..... | 538 | 69 | 100 watt <i>m</i> | 15.00 | 1,027.85 | 1.91 |
| Lucknow..... | 1,026 | { 41 18 | 100 watt <i>m</i> 200 watt <i>m</i> | 22.00 32.00 | 1,263.18 | 1.23 |
| Lynden..... | | 37 | 100 watt <i>m</i> | 10.00 | 374.18 | ** |
| Markdale..... | 871 | 84 | 150 c.p. <i>s</i> | 8.00 | 672.00 | 0.77 |
| Markham..... | 956 | { 20 80 | 60 watt <i>m</i> 100 watt <i>m</i> | 11.50 15.00 | 1,430.00 | 1.50 |
| Marmora..... | 876 | 87 | 100 watt <i>m</i> | 18.00 | 1,566.00 | 1.79 |
| Martintown..... | | 15 | 100 watt <i>m</i> | 20.00 | 300.00 | ** |
| Maxville..... | 782 | 59 | 150 c.p. <i>s</i> | 30.00 | 1,770.05 | 2.26 |
| Meaford..... | 2,715 | { 157 35 9 | 150 c.p. <i>s</i> 200 watt <i>m</i> 100 watt <i>m</i> | 14.00 24.00 14.00 | 3,046.79 | 1.12 |
| Merlin..... | | 43 | 100 watt <i>m</i> | 16.00 | 688.00 | ** |
| Merriton..... | 2,520 | 305 | 100 watt <i>m</i> | 9.00 | 2,565.00 | 1.02 |
| Midland..... | 7,902 | { 359 30 36 | 150 c.p. <i>s</i> 300 watt <i>m</i> 500 watt <i>m</i> | 10.00 22.00 40.00 | 5,947.92 | 0.77 |
| Milton..... | 1,875 | 201 | 100 watt <i>m</i> | 10.00 | 2,170.10 | 1.16 |
| Milverton..... | 947 | { 94 12 | 100 watt <i>m</i> 200 watt <i>m</i> | 9.00 12.00 | 990.00 | 1.05 |
| Mimico..... | 5,491 | { 213 110 2 | 100 watt <i>m</i> 200 watt <i>m</i> 300 watt <i>m</i> | 15.00 23.00 30.00 | 5,706.13 | 1.04 |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system.
††Part of cost paid direct in form of debenture charges. ‡Nine months operation.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|------------------------------|------------|---|---|--|-------------------------|-----------------------|
| Mitchell..... | 1,640 | 216 | 100 c.p. <i>s</i> | \$ c. 9.00 | \$ c. 1,944.00 | \$ c. 1.19 |
| Moorefield..... | | 25 | 100 watt <i>m</i> | 15.00 | 375.00 | ** |
| Mount Brydges..... | | 40 | 100 watt <i>m</i> | 11.00 | 440.00 | ** |
| Mount Forest.... | 1,829 | { 134 39 16 | { 150 c.p. <i>s</i> 250 c.p. <i>s</i> 100 watt <i>m</i> | { 13.00 16.00 13.00 | 2,562.12 | 1.40 |
| Neustadt..... | 449 | 39 | 150 c.p. <i>s</i> | 25.00 | 975.00 | 2.17 |
| Newbury..... | 285 | 46 | 100 watt <i>m</i> | 15.00 | 690.00 | 2.42 |
| New Hamburg... | 1,394 | 244 | 100 watt <i>m</i> | 9.00 | 2,198.25 | 1.58 |
| New Toronto.... | 5,023 | { 76 11 56 73 4 19 39 84 | { 75 watt <i>m</i> 100 watt <i>m</i> 75 watt <i>m</i> 75 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> 200 watt <i>m</i> 500 watt <i>m</i> | { 16.00 19.50 17.50 18.00 18.50 22.50 23.00 34.50 | 6,786.68 | 1.35 |
| Niagara Falls.... | 18,492 | { 762 58 125 196 | { 100 c.p. <i>s</i> 600 c.p. <i>s</i> 600 c.p. <i>s</i> 1,000 c.p. <i>s</i> | { 12.00 57.00 57.00 57.00 | 30,709.00 | 1.63 |
| Niagara-on-the- Lake..... | 1,605 | { 202 22 | { 100 watt <i>m</i> 200 watt <i>m</i> | { 10.00 18.00 | 2,410.34 | 1.50 |
| Nipigon..... | | 20 | 150 watt <i>m</i> | 25.00 | 500.00 | ** |
| Norwich..... | 1,297 | { 114 22 | { 100 watt <i>m</i> 400 watt <i>m</i> | { 10.00 35.00 | 1,920.00 | 1.48 |
| Norwood..... | 754 | { 78 6 1 | { 100 c.p. <i>s</i> 100 c.p. <i>s</i> 100 c.p. <i>s</i> | { 20.00 23.00 27.00 | 1,725.00 | 2.29 |
| Oil Springs..... | 428 | 41 | 100 watt <i>m</i> | 18.00 | 738.00 | 1.72 |
| Omeme..... | 517 | { 42 10 | { 150 c.p. <i>s</i> 400 c.p. <i>s</i> | { 14.00 28.00 | 868.00 | 1.68 |
| Orangeville..... | 2,669 | { 59 94 | { 400 c.p. <i>s</i> 150 c.p. <i>s</i> | { 25.00 19.00 | 3,242.09 | 1.21 |
| Ottawa..... | 119,254 | { 59 394 629 749 406 2900 | { Arcs. 100 c.p. <i>s</i> 400 c.p. <i>s</i> 600 c.p. <i>s</i> 100 watt <i>m</i> 100 watt <i>m</i> | { 45.00 7.00 25.00 35.00 6.00 48c per ft.) | 41,605.20 | 0.35 |
| Otterville..... | | 31 | 100 watt <i>m</i> | 12.00 | 372.00 | ** |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system
‡Collected as local improvement on frontage basis and not included in average cost.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|---------------------------------------|---|---------------------------------|--|-------------------------|-----------------------|
| | | | | | \$ c. | \$ c. | \$ c. |
| Owen Sound..... | 12,234 | { 374 70 106 3 29 | 100 c.p. 150 c.p. 250 c.p. 300 c.p. 400 c.p. | s s s s s | 13.00 13.50 16.50 19.50 23.00 | 9,893.50 | 0.81 |
| Paisley..... | 720 | 88 | 100 watt | m | 16.00 | 1,408.00 | 1.96 |
| Palmerston..... | 1,708 | { 100 10 8 10 2 2 3 | 80 c.p. 100 c.p. 250 c.p. 60 watt 40 watt 250 watt 300 watt | s s s m m m m | 9.00 10.00 25.00 9.00 9.00 25.00 25.00 | 1,423.92 | 0.83 |
| Paris..... | 4,130 | { 448 13 33 | 100 c.p. 400 c.p. 500 watt | s s m | 9.00 42.00 52.50 | 6,310.50 | 1.53 |
| Parkhill..... | 964 | { 77 15 | 100 watt 200 watt | m m | 14.00 23.00 | 1,418.50 | 1.47 |
| Penetanguishene. | 3,945 | 186 | 150 c.p. | s | 10.00 | 1,860.00 | 0.47 |
| Perth..... | 3,664 | { 65 14 4 16 | 100 c.p. 250 c.p. 400 c.p. 600 c.p. | s s s s | 20.00 34.00 40.00 60.00 | 2,824.42 | 0.77 |
| Peterborough.... | 21,519 | { 531 369 258 1 113 | 60 watt 100 watt 300 watt 500 watt 400 c.p. | m m m m s | 9.00 10.00 18.00 34.00 43.00 | 17,872.51 | 0.83 |
| Petrolia..... | 2,583 | { 145 24 | 150 c.p. 600 c.p. | s s | 11.00 38.00 | 2,532.60 | 0.98 |
| Picton..... | 3,288 | { 213 85 | 100 c.p. 250 c.p. | s s | 10.00 17.00 | 3,575.04 | 1.09 |
| Plattsville..... | | 34 | 100 watt | m | 16.00 | 543.65 | ** |
| Point Edward.... | 1,400 | 58 | 150 c.p. | s | 12.00 | 696.00 | 0.50 |
| Port Arthur..... | 17,413 | | | | | 14,195.04 | 0.82 |
| Port Colborne.... | 5,374 | { 26 228 116 | 100 watt 100 watt 200 watt | m m m | 14.00 13.00 17.00 | 5,076.48 | 0.94 |
| Port Credit..... | 1,350 | { 143 92 | 100 watt 200 watt | m m | 10.00 16.00 | 2,581.00 | 1.91 |
| Port Dalhousie... | 1,554 | 111 | 100 watt | m | 12.50 | 1,369.16 | 0.88 |

**Population not shown in Government statistics.

sSeries system.

mMultiple system.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|----------------------------|--|--|-------------------------|-----------------------|
| Port Dover..... | 1,544 | { 140 19 | 100 watt <i>m</i> 300 watt <i>m</i> | \$ c. 15.00 35.00} | \$ c. 2,366.46 | \$ c. 1.53 |
| Port McNicoll... | 783 | 44 | 100 watt <i>m</i> | 13.00 | 572.00 | 0.73 |
| Port Perry..... | 1,155 | 96 | 100 watt <i>m</i> | 15.00 | 1,448.00 | 1.25 |
| Port Rowan..... | 696 | 51 | 100 watt <i>m</i> | 22.00 | 1,122.00 | 1.61 |
| Port Stanley..... | 690 | 172 | 100 watt <i>m</i> | 12.00 | 2,008.00 | † |
| Prescott..... | 2,709 | { 164 105 | 100 watt <i>m</i> 2-Lt. brckts. <i>m</i> | 10.00 17.00} | 3,425.00 | 1.26 |
| Preston..... | 5,622 | { 331 34 6 9 6 | 150 c.p. <i>s</i> 1,000 c.p. <i>s</i> 1,000 c.p., Br. <i>s</i> 400 c.p., Br. <i>s</i> 5-Lt. stds. <i>s</i> | 10.00 35.00 35.00 20.00 35.00} | 5,050.00 | 0.90 |
| Priceville..... | | 14 | 100 watt <i>m</i> | 40.00 | 560.00 | ** |
| Princeton..... | | 24 | 100 watt <i>m</i> | 16.00 | 384.00 | ** |
| Queenston..... | | 34 | 100 watt <i>m</i> | 16.00 | 543.96 | ** |
| Richmond..... | 368 | 23 | 100 watt <i>m</i> | 31.50 | 241.50 | ‡ |
| Richmond Hill... | 1,197 | { 6 17 98 | 200 watt <i>m</i> 100 watt <i>m</i> 75 watt <i>m</i> | 17.00 13.00 12.00} | 1,341.00 | 1.12 |
| Ridgetown..... | 1,942 | { 184 18 | 100 c.p. <i>s</i> 400 c.p. <i>s</i> | 11.00 25.00} | 2,391.45 | 1.23 |
| Ripley..... | 420 | 49 | 100 watt <i>m</i> | 27.00 | 1,323.00 | 3.15 |
| Riverside..... | 3,909 | { 74 78 180 | 200 watt <i>m</i> 250 watt <i>m</i> 100 watt <i>m</i> | 20.00 15.00 11.00} | 3,426.45 | †† |
| Rockwood..... | | 83 | 100 watt <i>m</i> | 10.00 | 830.04 | ** |
| Rodney..... | 760 | 83 | 100 watt <i>m</i> | 10.00 | 848.70 | 1.12 |
| Russell..... | | 46 | 100 watt <i>m</i> | 22.00 | 1,012.00 | ** |
| St. Catharines... | 22,376 | 3030 | 100 watt <i>m</i> | 7.50 | 22,837.67 | 1.02 |
| St. George..... | | 37 | 100 watt <i>m</i> | 8.00 | 294.00 | ** |
| St. Jacobs..... | | 43 | 100 watt <i>m</i> | 12.00 | 516.00 | ** |
| St. Marys..... | 4,007 | { 230 133 | 100 c.p. <i>s</i> 250 c.p. <i>s</i> | 8.00 12.00} | 3,397.00 | 0.85 |
| St. Thomas..... | 16,586 | { 1066 28 114 | 100 c.p. <i>s</i> 250 c.p. <i>s</i> 600 c.p. <i>s</i> | 9.00 13.00 36.00} | 14,061.96 | 0.85 |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system.

††Part of cost paid direct in form of debenture charges. ‡Four months' operation.

‡Summer population not in statistics.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|-----------------------|-------------------------------|-------------------------------|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Sandwich..... | 9,407 | { 225 | 100 c.p. | <i>s</i> 12.00 | 8,318.15 | †† |
| | | { 279 | 100 c.p. | <i>s</i> 13.00 | | |
| | | { 58 | 400 c.p. | <i>s</i> 26.00 | | |
| | | { 10 | 100 watt | <i>m</i> 13.00 | | |
| | | { 16 | 400 c.p. | <i>s</i> 28.00 | | |
| Sarnia..... | 16,066 | { 777 | 150 c.p. | <i>s</i> 12.00 | 12,698.46 | 0.79 |
| | | { 78 | 1,000 c.p. | <i>s</i> 43.00 | | |
| | | { 19 | 500 c.p. | <i>s</i> 34.00 | | |
| Scarboro Twp..... | | { 287 | 100 c.p. | <i>s</i> 17.00 | 10,574.56 | ** |
| | | { 390 | 100 watt | <i>m</i> 15.00 | | |
| | | { 2 | Subway | 19.00 | | |
| Seaforth..... | 1,751 | { 60 | 80 c.p. | <i>s</i> 9.00 | 1,520.00 | 0.87 |
| | | { 58 | 100 c.p. | <i>s</i> 10.00 | | |
| | | { 20 | 300 watt | <i>m</i> 20.00 | | |
| Shelburne..... | 1,000 | 95 | 150 c.p. | <i>s</i> 12.00 | 1,140.00 | 1.14 |
| Simcoe..... | 4,491 | { 274 | 100 c.p. | <i>s</i> 9.00 | 3,602.53 | 0.80 |
| | | { 27 | 1,000 c.p. | <i>s</i> 40.00 | | |
| | | { 11 | 150 watt | <i>m</i> 9.00 | | |
| | | { 2 | 500 watt | <i>m</i> 53.00 | | |
| Smiths Falls..... | 7,006 | { 18 | 60 watt | <i>m</i> 10.00 | 7,176.00 | 1.02 |
| | | { 218 | 100 watt | <i>m</i> 20.00 | | |
| | | { 94 | 300 watt | <i>m</i> 25.00 | | |
| | | | Beacon light | 312.00 | | |
| Springfield..... | 394 | 50 | 100 watt | <i>m</i> 13.00 | 611.00 | 1.55 |
| Stamford Twp..... | | 600 | 100 watt | <i>m</i> 10.00 | 5,750.00 | ** |
| Stayner..... | 951 | { 76 | 150 c.p. | <i>s</i> 14.00 | 1,388.00 | 1.46 |
| | | { 18 | 200 watt | <i>m</i> 18.00 | | |
| Stouffville..... | 1,080 | 101 | 100 watt | <i>m</i> 15.00 | 1,482.50 | 1.37 |
| Stratford..... | 18,058 | { 840 | 150 c.p. | <i>s</i> 10.50 | 15,338.27 | 0.85 |
| | | { 63 | 1,000 c.p. | <i>s</i> 25.00 | | |
| | | { 166 | 1,000 c.p. | <i>s</i> 30.00 | | |
| | | { 12 | 1,000 c.p. | <i>s</i> 35.00 | | |
| Strathroy..... | 2,605 | { 320 | 100 c.p. | <i>s</i> 9.00 | 3,376.00 | 1.30 |
| | | { 34 | 250 c.p. | <i>s</i> 15.00 | | |
| Sunderland..... | | 31 | 100 watt | <i>m</i> 18.00 | 558.00 | ** |
| Sutton..... | 747 | { 108 | 100 watt | <i>m</i> 15.00 | 1,981.60 | 2.65 |
| | | { 19 | 200 watt | <i>m</i> 19.00 | | |
| Tara..... | 511 | 67 | 100 watt | <i>m</i> 25.00 | 1,675.00 | 3.28 |
| Tavistock..... | 993 | { 72 | 100 watt | <i>m</i> 10.00 | 1,214.11 | 1.22 |
| | | { 35 | 200 watt | <i>m</i> 12.00 | | |

**Population not shown in Government statistics. *s*Series system.

*m*Multiple system.

††Part of cost paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|---|---|---|-------------------------|-----------------------|
| Tecumseh..... | 1,951 | { 17 60 | 400 c.p. <i>s</i> 100 watt <i>m</i> | \$ c. 24.00 14.00 | 1,231.00 | \$ c. †† |
| Teeswater..... | 805 | { 20 36 | 400 c.p. <i>s</i> 150 c.p. <i>s</i> | 45.00 28.00 | 1,908.00 | 2.37 |
| Thamesford..... | | 46 | 100 watt <i>m</i> | 12.00 | 552.00 | ** |
| Thamesville..... | 817 | { 61 27 7 | 100 watt <i>m</i> 200 watt <i>m</i> 200 watt <i>m</i> | 9.00 14.00 18.00 | 1,053.00 | 1.29 |
| Thedford..... | 558 | 69 | 100 watt <i>m</i> | 16.00 | 1,088.00 | 1.95 |
| Thorndale..... | | 31 | 100 watt <i>m</i> | 12.00 | 372.00 | ** |
| Thornton..... | | 21 | 100 watt <i>m</i> | 40.00 | 840.00 | ** |
| Thorold..... | 4,957 | { 285 73 35 | 60 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> | 9.00 10.00 15.00 | 3,820.00 | 0.77 |
| Tilbury..... | 1,996 | 117 | 100 watt <i>m</i> | 10.00 | 1,140.81 | 0.57 |
| Tillsonburg..... | 3,238 | { 254 48 2 | 100 c.p. <i>s</i> 250 c.p. <i>s</i> 1,000 c.p. <i>s</i> | 9.00 15.00 48.00 | 3,100.50 | 0.96 |
| Toronto..... | 556,691 | { 6 6 45057 107 1629 85 1351 71 5 371 24 395 68 | 50 watt <i>m</i> 60 watt <i>m</i> 100 watt <i>m</i> 150 watt <i>m</i> 200 watt <i>m</i> 250 watt <i>m</i> 300 watt <i>m</i> 500 watt <i>m</i> 1,000 watt <i>m</i> 5-Lt. stds., 100 watt <i>m</i> 1-Lt. stds., 500 watt <i>m</i> 1-Lt. stds., 300 watt <i>m</i> 1-Lt. stds., 500 watt <i>m</i> | 6.56 4.80 8.00-9.20 12.00-15.00 18.00-23.00 20.00-24.50 28.00 45.00 90.00 47.50 52.50 50.00 47.50 | 483,373.28 | 0.87 |
| | | 348 | 100 watt <i>m</i> | 13.00 | | |
| | | 49 | 150 c.p. <i>s</i> | 25.00 | | |
| | | 129 | 100 watt <i>m</i> | 14.00 | | |
| | | 76 | 100 watt <i>m</i> | 12.00 | | |
| | | { 109 56 284 510 102 | 300 watt <i>m</i> 600 c.p. <i>s</i> 100 watt <i>m</i> 150 watt <i>m</i> 200 watt <i>m</i> | 19.00 55.00 10.00 12.00 14.00 | | |
| | | 348 | 100 watt <i>m</i> | 13.00 | | |
| | | 49 | 150 c.p. <i>s</i> | 25.00 | | |
| | | 129 | 100 watt <i>m</i> | 14.00 | | |
| | | 76 | 100 watt <i>m</i> | 12.00 | | |
| | | { 109 56 284 510 102 | 300 watt <i>m</i> 600 c.p. <i>s</i> 100 watt <i>m</i> 150 watt <i>m</i> 200 watt <i>m</i> | 19.00 55.00 10.00 12.00 14.00 | | |
| | | 348 | 100 watt <i>m</i> | 13.00 | | |
| Tottenham..... | 608 | 49 | 150 c.p. <i>s</i> | 25.00 | 1,225.08 | 2.02 |
| Uxbridge..... | 1,404 | 129 | 100 watt <i>m</i> | 14.00 | 1,806.00 | 1.29 |
| Victoria Harbor.. | 1,397 | 76 | 100 watt <i>m</i> | 12.00 | 912.00 | 0.65 |
| Walkerville..... | 9,852 | { 109 56 284 510 102 | 300 watt <i>m</i> 600 c.p. <i>s</i> 100 watt <i>m</i> 150 watt <i>m</i> 200 watt <i>m</i> | 19.00 55.00 10.00 12.00 14.00 | 14,999.75 | †† |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system.

††Part of cost paid direct in form of debenture charges.

STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing
Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | Cost per lamp per annum | Total cost per annum | Cost per capita |
|-------------------|------------|--|--|---|-------------------------|-----------------------|
| | | | | \$ c. | \$ c. | \$ c. |
| Wallaceburg..... | 4,145 | { 184 30 3 | 150 c.p. <i>s</i> 600 c.p. <i>s</i> 1,000 c.p. <i>s</i> | 12.00 25.00 38.00 | 2,954.00 | 0.71 |
| Wardsville..... | 212 | 34 | 75 watt <i>m</i> | 20.00 | 680.00 | 3.21 |
| Warkworth..... | | { 24 6 | 100 watt <i>m</i> 200 watt <i>m</i> | 25.00 44.00 | 864.00 | ** |
| Waterdown..... | 817 | { 75 6 | 100 watt <i>m</i> 200 watt <i>m</i> | 11.00 17.50 | 930.00 | 1.14 |
| Waterford..... | 1,030 | 174 | 100 watt <i>m</i> | 9.00 | 1,614.60 | 1.57 |
| Waterloo..... | 7,135 | { 346 125 44 10 12 38 6 3 | 100 c.p. <i>s</i> 150 c.p. <i>s</i> 5-Lt. stds. <i>m</i> 3-Lt. stds. <i>m</i> 200 watt <i>m</i> 150 watt <i>m</i> 500 watt <i>m</i> 500 watt <i>m</i> | 8.00 10.00 36.00 25.00 12.00 10.00 35.00 30.00 | 6,653.31 | 0.93 |
| Watford..... | 1,031 | { 87 11 | 100 watt <i>m</i> 200 watt <i>m</i> | 11.00 18.00 | 1,153.20 | 1.12 |
| Waubashene..... | | 41 | 100 watt <i>m</i> | 11.00 | 434.50 | ** |
| Welland..... | 9,664 | { 109 408 112 6 | 400 watt <i>m</i> 100 watt <i>m</i> 200 watt <i>m</i> 500 watt <i>m</i> | 30.00 11.00 18.00 28.00 | 8,564.17 | 0.89 |
| Wellesley..... | | 60 | 100 watt <i>m</i> | 12.00 | 710.00 | ** |
| Wellington..... | 822 | 68 | 100 c.p. <i>s</i> | 13.00 | 877.48 | 1.07 |
| West Lorne..... | 805 | { 83 10 | 100 watt <i>m</i> 200 watt <i>m</i> | 10.00 18.00 | 1,010.04 | 1.25 |
| Weston..... | 4,136 | { 109 424 5 2 2 20 2 | 600 c.p. <i>s</i> 100 c.p. <i>s</i> 5-Lt. stds. <i>m</i> 100 watt <i>m</i> 25 watt <i>m</i> 300 watt <i>m</i> Signs | 36.00 7.50 23.00 7.50 5.00 11.50 125.00 | 8,111.86 | 1.96 |
| Wheatley..... | 717 | { 70 39 | 100 watt <i>m</i> 300 watt <i>m</i> | 14.00 29.00 | 1,534.86 | 2.14 |
| Whitby..... | 3,422 | { 121 134 112 3 | 100 c.p. <i>s</i> 80 c.p. <i>s</i> 100 watt <i>m</i> 500 watt <i>m</i> | 10.00 9.00 7.50 11.50 | 3,132.71 | 0.92 |
| Williamsburg..... | | 18 | 100 watt <i>m</i> | 13.00 | 234.00 | ** |

**Population not shown in Government statistics.

*s*Series system.

*m*Multiple system.

STATEMENT "C"—Concluded

Street Lighting Installation in Hydro Municipalities, December 31, 1928, showing Cost per Lamp, Cost per Year, and Cost per Capita

| Municipality | Population | Number of lamps | Size and style of lamps | | Cost per lamp per annum | Total cost per annum | Cost per capita |
|----------------------|------------|--------------------------------|---|--|--|----------------------|-----------------|
| Winchester..... | 1,068 | 117 | 100 watt | <i>m</i> | \$ c. 9.00 | \$ c. 1,053.00 | \$ c. 0.99 |
| Windsor..... | 61,095 | { 2037 772 836 628 | 100 c.p. 100 c.p. 400 c.p. 600 c.p. | <i>s</i> <i>s</i> <i>s</i> <i>s</i> | { 12.00 13.00 26.00 45.00 | 80,681.19 | †† |
| Wingham..... | 2,316 | { 25 96 22 | 400 c.p. 150 c.p. 200 watt | <i>s</i> <i>s</i> <i>m</i> | { 33.00 20.00 33.00 | 3,459.66 | 1.49 |
| Woodbridge..... | 700 | 81 | 100 watt | <i>m</i> | 11.00 | 900.00 | 1.29 |
| Woodstock..... | 10,106 | { 4 529 15 172 107 | 300 c.p. 100 c.p. 250 c.p. 60 watt 100 watt | <i>s</i> <i>s</i> <i>s</i> <i>m</i> <i>m</i> | { 24.00 8.00 20.00 8.00 8.00 | 6,950.91 | 0.69 |
| Woodville..... | 415 | { 30 36 | 100 watt 200 watt | <i>m</i> <i>m</i> | { 14.00 22.00 | 528.00 | 1.27 |
| Wyoming..... | 499 | 50 | 100 watt | <i>m</i> | 16.00 | 800.00 | 1.60 |
| York East Twp. | | { 838 1 60 14 | 100 watt 500 watt 300 watt 500 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> | { 16.50 30.00 21.00-34.00 32.00 | 14,494.53 | ** |
| York North Twp. | | { 40 19 65 6 | 100 watt 100 watt 200 watt 100 watt | <i>m</i> <i>m</i> <i>m</i> <i>m</i> | { 12.00 14.00 24.50 16.50 | 2,409.37 | ** |
| Zurich..... | | 62 | 100 watt | <i>m</i> | 11.00 | 681.96 | ** |

**Population not shown in Government statistics. *s*Series system. *m*Multiple system.
††Part of cost paid direct in form of debenture charges.

STATEMENT "D"

Statistics Relating to the Supply of Electrical Energy to Consumers in Ontario Municipalities Served by the Hydro-Electric Power Commission

The following tabulation of various statistical data relating to the supply of electrical energy to consumers in municipalities receiving power at cost from the Commission sets forth, regarding the results of operation from the standpoint of the consumers, much useful and interesting information.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or of the smallness of the quantity of power required by the municipality, the cost per horsepower to the municipality—and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D," respecting the average cost to the consumer per kilowatt-hour in the cases of domestic service and commercial light service and per horsepower in the case of power service. It will be observed that the total amount of the energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D," and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 30 horsepower. The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

It should be kept in mind that the revenues reported in Statement "D," and used for purposes of calculating the net cost to the consumer per kilowatt-hour or per horsepower, are the total revenues contributed by the consumers, and include, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

It should specially be noted that the average cost per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give very misleading results. The average costs per kilowatt-hour and per horsepower, as given in Statement "D" for the respective classes of service in each municipality, are simply the statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours or horsepower sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour or per horsepower to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where the average costs to the consumers per kilowatt-hour or per horsepower are substantially lower in one municipality than in another, though the rates are higher.

With respect to domestic service, for example, instances will be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 100 per cent. Such variations are principally due to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

Similarly, in the case of power service, the average cost per horsepower cannot be taken as a conclusive indication of the rates for service. The quantity of power taken by a consumer, as measured in horsepower, is, in the case of hydro-electric power supplied to industries at cost, the most important factor affecting costs and revenues, but it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the quantity of energy consumed, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours' use of the power per month.*†

*In interpreting the statistics for power service, it should be remembered that a greater average energy consumption per horsepower sold increases the "average cost per horsepower" to the consumer, and in this respect the "average cost per horsepower" is analogous to the "average monthly bill" in the case of domestic and commercial services rather than to the "net cost per kilowatt-hour." It will be observed that, in the case of domestic service, in two municipalities with the same rates, or in one municipality in different years when no change of rates has been made, a higher average monthly bill denotes an increased average monthly consumption per consumer and a lower average cost per kilowatt-hour to the consumer. In the same way, in the case of power service, in two municipalities with the same rates, or in one municipality in different years with no change in rates, a higher average cost per horsepower denotes a more continuous use of the power and a lower average cost per kilowatt-hour to the consumer.

†In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *no criterion of rates* even with similar forms of rate schedules and for the same class of service. Much less is it an indication of rates when revenues and consumptions of all classes of service, and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community, a lower "average revenue per kilowatt-hour." This will readily be perceived from a simple arithmetical example.

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

| Class of service | CASE A | | | CASE B | | |
|------------------|---|-----------------|---------|---|-----------------|---------|
| | Higher rates and lower revenues per kilowatt-hour | | | Lower rates and higher revenues per kilowatt-hour | | |
| | Energy sales | Rate per kw-hr. | Revenue | Energy sales | Rate per kw-hr. | Revenue |
| | kw-hr. | cents | \$ | kw-hr. | cents | \$ |
| Residence..... | 1,000,000 | 4 | 40,000 | 3,000,000 | 3 | 90,000 |
| Power..... | 9,000,000 | 1 | 90,000 | 7,000,000 | 0.75 | 52,500 |
| Total..... | 10,000,000 | ..... | 130,000 | 10,000,000 | ..... | 142,500 |
| Average revenue | 1.3 cents per kw-hr. | | | 1.425 cents per kw-hr. | | |

It will be observed that in Case A the rates both for residence and for power service are 33 per cent higher than in Case B, but the average revenue per kilowatt-hour is nearly 9 per cent less.

In this instance, the key to the situation lies in the relative quantities of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil an important function in affording a general measure of the *economy of service* to "Hydro" consumers that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made economically possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for effecting comparisons. In researches respecting rates to consumers the actual *rate schedules* of Statement "E" should be employed, and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons—and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E," or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively, of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments from which service is received, the sizes and concentrations of adjacent markets for electricity, and the sizes and character of the loads supplied under the various classifications by the local electrical utility to the ultimate consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns (under 2,000 population), villages, suburban areas (which are comparable in respect of conditions of supply to the smaller towns and villages) and certain rural areas. The populations and the approximate transmission distances are also given.

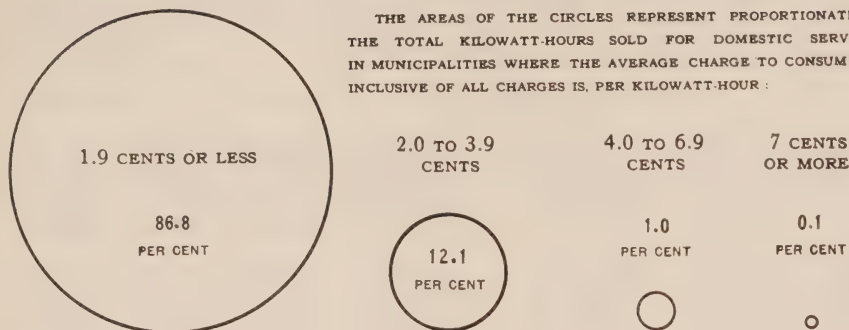
A feature of the electrical service in Ontario municipalities is the strikingly large average annual consumption per domestic consumer. There are in all about 140 Ontario municipalities where the average annual consumption per domestic consumer is in excess of 600 kilowatt-hours. Of the 72 cities and towns with populations of 2,000 or more—in which over 85 per cent. of the domestic consumers of the undertaking are served—no less than 42 have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 22 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, and 7 have an average annual consumption per domestic consumer in excess of 2,000 kilowatt-hours.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing electrical service "at cost"; the rate schedules scientifically designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 1 cent and 1.25 cents (less 10 per cent.) are in common use, and even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of less than \$2.50 when he obtains the benefit of a follow-up rate of 1.8 cents net. This places the cost of electric cooking within the reach of nearly every domestic consumer.

COST OF ELECTRICAL SERVICE
IN MUNICIPALITIES SERVED BY THE
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

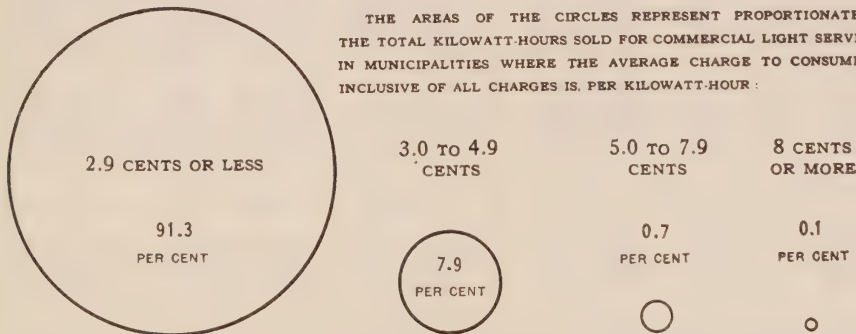
DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR :



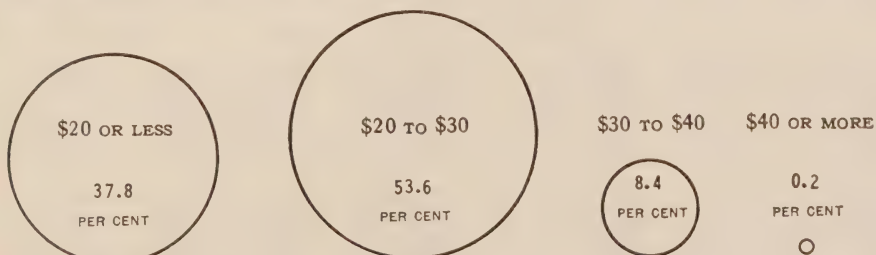
COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR :



POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR :



STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group I—CITIES

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|----------------------------------|--------|-----------------|---|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr | \$ c. | cts. |
| Brantford..... | Nia. | 27,739 | 79 | 147,310.28 | 9,516,369 | 6,075 | 132 | 2.04 | 1.5 |
| Chatham..... | Nia. | 14,727 | 193 | 70,881.72 | 4,058,135 | 3,688 | 95 | 1.66 | 1.7 |
| Fort William.... | T. B. | 22,518 | 87 | 161,194.49 | 23,637,656 | 5,399 | 372 | 2.53 | † |
| Galt..... | Nia. | 12,576 | 92 | 102,358.16 | 5,293,417 | 3,326 | 133 | 2.58 | 1.9 |
| Guelph..... | Nia. | 19,007 | 75 | 84,210.34 | 5,225,731 | 4,763 | 92 | 1.48 | 1.6 |
| Hamilton..... | Nia. | 123,359 | 53 | 665,475.43 | 43,145,849 | 28,892 | 124 | 1.91 | 1.5 |
| Kingston..... | C. O. | 21,633 | 50 | 94,693.51 | 3,377,195 | 5,087 | 56 | 1.57 | 2.8 |
| Kitchener..... | Nia. | 25,856 | 95 | 158,947.57 | 9,333,869 | 6,101 | 131 | 2.22 | 1.7 |
| London..... | Nia. | 64,293 | 123 | 407,173.65 | 27,116,647 | 16,319 | 140 | 2.09 | 1.5 |
| Niagara Falls.... | Nia. | 18,492 | 1 | 138,085.08 | 12,795,830 | 4,270 | 251 | 2.74 | 1.1 |
| Ottawa..... | Ott. | 119,254 | 1 | 278,094.78 | 31,871,129 | 11,568 | 231 | 2.02 | 0.9 |
| Owen Sound.... | G. B. | 12,234 | 32 | 47,560.02 | 2,644,154 | 2,894 | 76 | 1.38 | 1.8 |
| Peterborough.... | C. O. | 21,519 | 2 | 103,040.60 | 4,548,595 | 5,134 | 74 | 1.67 | 2.2 |
| Port Arthur.... | T. B. | 17,413 | 73 | 93,471.98 | 6,979,884 | 3,891 | 149 | 2.00 | 1.3 |
| St. Catharines... | Nia. | 22,376 | 18 | 124,048.65 | 10,053,695 | 5,550 | 153 | 1.89 | 1.2 |
| St. Thomas..... | Nia. | 16,586 | 134 | 86,945.73 | 5,615,090 | 4,041 | 116 | 1.80 | 1.5 |
| Sarnia..... | Nia. | 16,066 | 205 | 93,853.51 | 4,504,272 | 4,324 | 87 | 1.81 | 2.1 |
| Stratford..... | Nia. | 18,058 | 119 | 139,585.51 | 7,661,258 | 4,180 | 153 | 2.78 | 1.8 |
| Toronto..... | Nia. | 556,691 | 78 | 2,758,056.65 | 170,197,696 | 136,227 | 104 | 1.68 | 1.6 |
| Toronto D.C. & 60 cycle*..... | | | | 91,711.14 | 2,824,041 | 1,875 | 125 | 4.07 | 3.2 |
| Welland..... | Nia. | 9,664 | 14 | 52,707.76 | 2,714,667 | 2,149 | 105 | 2.05 | 1.9 |
| Windsor..... | Nia. | 61,095 | 238 | 524,184.48 | 32,168,536 | 14,776 | 188 | 3.06 | 1.6 |
| Woodstock..... | Nia. | 10,106 | 94 | 69,559.31 | 4,420,020 | 2,672 | 139 | 2.19 | 1.5 |

*This,—with the exception of a relatively small D.C. power load,—is a special service not created by the Hydro-Electric Power Commission but acquired through the purchase of a privately owned company. The service has been continued at the request of the customers who preferred to retain the electrical apparatus installed for this special service, and has been continued at the rates prevailing before the service was acquired by the Commission.

†Not on standard rates.

Group II—TOWNS

| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
|-------------------|--------|-------|-------|-----------|-----------|-------|--------|-------|------|
| Alexandria..... | St. L. | 2,267 | 30 | 6,912.24 | 111,224 | 281 | 33 | 2.08 | 6.2 |
| Amherstburg.... | Nia. | 3,000 | 257 | 18,810.12 | 698,785 | 604 | 97 | 2.61 | 2.6 |
| Aylmer..... | Nia. | 2,168 | 145 | 11,667.91 | 401,067 | 590 | 58 | 1.69 | 2.9 |
| Barrie..... | G. B. | 7,175 | 48 | 36,511.79 | 2,385,374 | 1,687 | 117 | 1.79 | 1.5 |
| Brampton..... | Nia. | 4,897 | 78 | 29,050.77 | 1,919,684 | 1,303 | 124 | 1.87 | 1.5 |
| Brockville..... | St. L. | 9,133 | 62 | 31,410.58 | 1,132,706 | 2,317 | 41 | 1.14 | 2.8 |
| Carleton Place... | Rid. | 4,228 | 47 | 18,363.58 | 431,840 | 878 | 43 | 1.86 | 4.2 |
| Collingwood..... | G. B. | 5,728 | 24 | 25,460.19 | 1,048,986 | 1,338 | 64 | 1.59 | 2.4 |
| Dundas..... | Nia. | 5,005 | 52 | 17,987.58 | 993,171 | 1,171 | 76 | 1.37 | 1.8 |
| Dunnville..... | Nia. | 3,387 | 37 | 9,476.55 | 327,654 | 531 | 53 | 1.53 | 2.9 |

"D"

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

Population, 10,000 or more

| Commercial light service | | | | | | Power service | | | | Total number of con- sumers |
|--------------------------|------------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|----------------------------|--|--------------------------------------|
| Revenue | Consump- tion | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average horse- power | Average cost per horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. | \$ c. | | | \$ c. | |
| 53,111.47 | 2,905,119 | 694 | 355 | 4.05 | 1.1 | 138,897.94 | 105 | 7,213 | 19.25 | 6,874 |
| 58,388.59 | 2,521,195 | 701 | 306 | 7.09 | 2.3 | 76,520.32 | 126 | 3,656 | 20.93 | 4,515 |
| 63,136.08 | 3,007,941 | 926 | 276 | 5.80 | † | 73,483.31 | 109 | 3,833 | † | 6,434 |
| 45,643.16 | 1,993,592 | 497 | 334 | 7.64 | 2.3 | 86,277.69 | 121 | 4,057 | 21.26 | 3,944 |
| 48,776.76 | 2,438,482 | 676 | 303 | 6.07 | 2.0 | 120,170.46 | 125 | 6,607 | 18.19 | 5,564 |
| 148,218.82 | 12,028,547 | 3,105 | 322 | 3.97 | 1.2 | 765,833.15 | 790 | 43,541 | 17.59 | 32,787 |
| 72,604.16 | 2,658,082 | 858 | 269 | 7.36 | 2.7 | 71,228.51 | 125 | 3,858 | 18.46 | 6,070 |
| 93,380.36 | 4,883,964 | 866 | 481 | 9.19 | 1.9 | 242,510.92 | 230 | 11,853 | 20.46 | 7,197 |
| 194,574.65 | 10,612,372 | 2,377 | 385 | 7.06 | 1.8 | 442,584.14 | 517 | 19,379 | 22.81 | 19,213 |
| 54,356.83 | 4,227,260 | 682 | 533 | 6.86 | 1.2 | 78,823.45 | 88 | 3,720 | 21.18 | 5,040 |
| 133,523.10 | 8,300,465 | 1,453 | 470 | 7.56 | 1.6 | 89,924.36 | 193 | 6,000 | 14.98 | 13,214 |
| 29,358.76 | 1,790,359 | 536 | 277 | 4.54 | 1.6 | 28,722.98 | 113 | 1,744 | 16.47 | 3,543 |
| 66,794.97 | 2,900,050 | 995 | 262 | 6.05 | 2.3 | 100,558.54 | 152 | 5,029 | 19.99 | 6,281 |
| 60,415.45 | 3,296,677 | 751 | 366 | 6.70 | 1.8 | 853,678.93 | 103 | 42,976 | 19.86 | 4,745 |
| 27,848.27 | 2,062,440 | 550 | 314 | 4.25 | 1.3 | 73,900.45 | 132 | 4,832 | 15.29 | 6,232 |
| 43,104.78 | 2,324,738 | 639 | 305 | 5.65 | 1.8 | 61,047.63 | 104 | 3,446 | 17.71 | 4,784 |
| 45,443.81 | 2,032,277 | 585 | 291 | 6.52 | 2.2 | 144,533.00 | 82 | 4,326 | 33.41 | 4,991 |
| 44,028.34 | 1,477,681 | 580 | 214 | 6.37 | 2.9 | 57,609.30 | 135 | 2,450 | 23.51 | 4,895 |
| 2,221,377.21 | 95,019,498 | 22,647 | 349 | 8.17 | 2.3 | 2,608,348.53 | 3,646 | 104,100 | 25.05 | 162,520 |
| 362,216.55 | 9,027,442 | 2,187 | 344 | 13.80 | 4.0 | 686,131.21 | 1,278 | 20,097 | 34.14 | 5,340 |
| 32,678.14 | 1,469,847 | 410 | 303 | 6.75 | 2.2 | 67,821.50 | 83 | 3,198 | 21.20 | 2,642 |
| 262,490.32 | 13,553,989 | 2,230 | 538 | 10.43 | 1.9 | 216,842.95 | 350 | 8,752 | 24.77 | 17,356 |
| 39,964.58 | 2,144,773 | 451 | 404 | 7.53 | 1.8 | 48,240.78 | 93 | 2,850 | 16.92 | 3,216 |

NOTE.—The figures for power service for Toronto do not include street railway power, exhibition power and bulk supply to certain other municipalities for street lighting purposes.

NOTE.—The above group of 22 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

Population, 2,000 or more

| \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. | \$ c. | | | \$ c. | |
|-----------|---------|-----|--------|-------|------|-----------|----|-------|-------|-------|
| 4,576.93 | 87,654 | 106 | 70 | 3.70 | 5.2 | 9,482.33 | 14 | 228 | 41.58 | 401 |
| 8,243.91 | 228,596 | 149 | 135 | 4.88 | 3.6 | 4,092.42 | 16 | 178 | 22.99 | 769 |
| 8,914.82 | 289,846 | 126 | 191 | 6.62 | 3.1 | 5,429.90 | 13 | 239 | 22.71 | 729 |
| 18,506.20 | 995,018 | 329 | 255 | 4.75 | 1.9 | 14,752.26 | 34 | 717 | 20.59 | 2,050 |
| 12,697.33 | 675,282 | 224 | 254 | 4.77 | 1.9 | 15,450.30 | 53 | 881 | 17.54 | 1,580 |
| 20,795.44 | 892,584 | 401 | 191 | 4.45 | 2.3 | 42,664.16 | 68 | 1,728 | 24.69 | 2,786 |
| 9,689.85 | 212,762 | 184 | 97 | 4.46 | 4.5 | 20,247.63 | 16 | 606 | 33.41 | 1,078 |
| 11,224.98 | 387,769 | 258 | 125 | 3.62 | 2.8 | 22,192.93 | 57 | 1,027 | 21.60 | 1,653 |
| 10,219.07 | 539,945 | 173 | 265 | 5.07 | 1.9 | 22,144.67 | 44 | 1,263 | 17.53 | 1,388 |
| 11,127.26 | 381,665 | 185 | 174 | 5.09 | 2.9 | 13,791.92 | 28 | 660 | 20.89 | 744 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group II—TOWNS

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|-------------------|--------|-----------------|---|------------------|-------------|-----------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. cts. | |
| Elmira..... | Nia. | 2,572 | 107 | 15,013.80 | 755,706 | 494 | 128 | 2.54 | 2.0 |
| Ford City..... | Nia. | 13,105 | 239 | 78,452.96 | 4,997,158 | 2,882 | 154 | 2.42 | 1.5 |
| Goderich..... | Nia. | 4,242 | 167 | 22,104.85 | 877,023 | 1,100 | 67 | 1.70 | 2.5 |
| Hanover..... | G. B. | 2,700 | 35 | 16,006.05 | 541,088 | 650 | 70 | 2.07 | 3.0 |
| Hespeler..... | Nia. | 2,815 | 90 | 15,474.86 | 733,890 | 670 | 92 | 1.94 | 2.1 |
| Huntsville..... | G. B. | 2,708 | 26 | 10,662.80 | 289,903 | 504 | 47 | 1.74 | 3.6 |
| Ingersoll..... | Nia. | 4,997 | 104 | 31,239.35 | 1,968,115 | 1,309 | 126 | 2.07 | 1.6 |
| Kincardine..... | G. B. | 2,189 | 69 | 12,629.64 | 256,909 | 514 | 44 | 2.15 | 4.9 |
| Kingsville..... | Nia. | 2,346 | 255 | 12,902.45 | 344,140 | 682 | 43 | 1.60 | 3.7 |
| Leamington..... | Nia. | 5,011 | 263 | 20,771.80 | 641,778 | 1,196 | 45 | 1.46 | 3.2 |
| *Lindsay..... | C. O. | 7,296 | 19 | 29,596.28 | 718,851 | 1,788 | 45 | 1.84 | 4.1 |
| Listowel..... | Nia. | 2,448 | 154 | 13,640.73 | 655,094 | 659 | 83 | 1.74 | 2.0 |
| Meaford..... | G. B. | 2,715 | 23 | 10,274.28 | 289,964 | 587 | 41 | 1.47 | 3.5 |
| Merritton..... | Nia. | 2,520 | 16 | 11,170.10 | 663,228 | 605 | 91 | 1.54 | 1.6 |
| Midland..... | G. B. | 7,902 | 25 | 31,023.58 | 1,895,386 | 1,555 | 101 | 1.66 | 1.6 |
| Mimico..... | Nia. | 5,491 | 75 | 47,531.39 | 2,798,755 | 1,524 | 156 | 2.65 | 1.6 |
| New Toronto.... | Nia. | 5,023 | 76 | 24,945.18 | 1,397,040 | 1,127 | 106 | 1.90 | 1.7 |
| Orangeville..... | G. B. | 2,669 | 47 | 9,116.05 | 314,394 | 595 | 49 | 1.43 | 2.8 |
| Paris..... | Nia. | 4,130 | 76 | 21,772.70 | 1,360,022 | 1,085 | 105 | 1.68 | 1.6 |
| Penetang..... | G. B. | 3,945 | 29 | 7,800.42 | 376,595 | 541 | 59 | 1.22 | 2.0 |
| Perth..... | Rid. | 3,664 | 21 | 20,199.54 | 600,014 | 806 | 62 | 2.10 | 3.4 |
| Petrolia..... | Nia. | 2,583 | 231 | 10,838.80 | 454,680 | 640 | 60 | 1.42 | 2.4 |
| Pictou..... | C. O. | 3,288 | 33 | 16,792.45 | 777,352 | 927 | 70 | 1.52 | 2.2 |
| Port Colborne... | Nia. | 5,374 | 21 | 26,977.15 | 1,302,356 | 1,149 | 99 | 2.05 | 2.1 |
| Prescott..... | St. L. | 2,709 | 48 | 11,023.50 | 647,149 | 596 | 92 | 1.57 | 1.7 |
| Preston..... | Nia. | 5,622 | 86 | 43,991.14 | 2,225,445 | 1,476 | 126 | 2.49 | 2.0 |
| Riverside..... | Nia. | 3,909 | 243 | 46,267.55 | 2,072,136 | 1,033 | 199 | 3.91 | 2.0 |
| St. Marys..... | Nia. | 4,007 | 133 | 23,690.15 | 1,108,288 | 986 | 94 | 2.01 | 2.1 |
| Sandwich..... | Nia. | 9,407 | 245 | 104,647.25 | 5,714,162 | 2,701 | 180 | 3.30 | 1.8 |
| Simcoe..... | Nia. | 4,491 | 103 | 11,756.22 | 615,011 | 778 | 69 | 1.33 | 1.9 |
| Smiths Falls..... | Rid. | 7,006 | 38 | 40,488.56 | 1,074,906 | 1,574 | 57 | 2.15 | 3.8 |
| Strathroy..... | Nia. | 2,605 | 150 | 15,522.06 | 772,718 | 757 | 86 | 1.74 | 2.0 |
| Thorold..... | Nia. | 4,957 | 9 | 19,174.28 | 984,118 | 1,185 | 70 | 1.29 | 1.9 |
| Tillsonburg..... | Nia. | 3,238 | 116 | 13,165.10 | 656,403 | 808 | 70 | 1.40 | 2.0 |
| Walkerville..... | Nia. | 9,852 | 239 | 106,847.05 | 7,272,672 | 2,493 | 252 | 3.70 | 1.5 |
| Wallaceburg..... | Nia. | 4,145 | 211 | 16,413.31 | 677,134 | 921 | 61 | 1.49 | 2.4 |
| Waterloo..... | Nia. | 7,135 | 96 | 48,543.53 | 3,043,579 | 1,663 | 155 | 2.47 | 1.6 |
| Weston..... | Nia. | 4,136 | 80 | 29,619.28 | 2,028,581 | 1,073 | 136 | 1.99 | 1.5 |
| Whitby..... | C. O. | 3,422 | 80 | 16,440.06 | 817,323 | 778 | 90 | 1.81 | 2.0 |
| Wingham..... | G. B. | 2,316 | 70 | 11,384.26 | 282,325 | 507 | 47 | 1.89 | 4.0 |

*Nine months' operation only.

NOTE.—The above group of 50 towns utilizes about 12 per cent of the power distributed by the Commission to Ontario municipalities.

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

Population, 2,000 or more

| Commercial light service | | | | | | Power service | | | | Total number of con- sumers |
|--------------------------|------------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|----------------------------|--|---|
| Revenue | Consump- tion | Number of con- sumers | Average Monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average horse- power | Average cost per horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. | \$ c. | | | \$ c. | |
| 7,001.58 | 263,489 | 118 | 188 | 4.99 | 2.7 | 16,064.21 | 20 | 602 | 26.68 | 632 |
| 21,708.21 | 982,264 | 288 | 302 | 6.67 | 2.2 | 69,047.52 | 37 | 2,400 | 28.76 | 3,207 |
| 10,502.07 | 360,638 | 203 | 149 | 4.35 | 2.9 | 21,376.80 | 19 | 961 | 22.24 | 1,322 |
| 5,781.34 | 155,728 | 114 | 114 | 4.24 | 3.7 | 20,044.35 | 17 | 652 | 30.74 | 781 |
| 5,127.05 | 203,216 | 105 | 158 | 3.99 | 2.5 | 15,251.11 | 19 | 796 | 19.15 | 794 |
| 6,577.56 | 166,656 | 112 | 122 | 4.85 | 3.9 | 18,490.25 | 11 | 1,112 | 16.62 | 627 |
| 15,081.78 | 785,840 | 252 | 265 | 5.10 | 1.9 | 27,686.54 | 46 | 1,307 | 21.18 | 1,607 |
| 7,387.99 | 120,756 | 114 | 89 | 5.45 | 6.1 | 9,083.21 | 22 | 302 | 30.07 | 650 |
| 7,066.19 | 180,876 | 149 | 103 | 4.05 | 3.9 | 4,685.56 | 16 | 156 | 30.03 | 847 |
| 12,748.20 | 442,491 | 236 | 161 | 4.94 | 3.1 | 8,610.09 | 23 | 264 | 32.61 | 1,455 |
| 18,395.87 | 421,036 | 330 | 142 | 6.19 | 4.4 | 29,228.80 | 69 | 1,525 | 19.17 | 2,187 |
| 7,593.55 | 289,256 | 155 | 157 | 4.13 | 2.6 | 10,011.33 | 22 | 371 | 26.95 | 836 |
| 5,578.00 | 165,127 | 136 | 101 | 3.41 | 3.3 | 5,323.15 | 13 | 226 | 23.55 | 736 |
| 1,825.32 | 80,218 | 55 | 121 | 2.76 | 2.2 | 13,534.19 | 4 | 602 | 22.48 | 664 |
| 12,439.96 | 602,085 | 233 | 215 | 4.44 | 2.0 | 99,505.39 | 64 | 5,854 | 16.99 | 1,852 |
| 8,074.71 | 314,023 | 120 | 216 | 5.56 | 2.5 | 9,894.70 | 14 | 445 | 22.23 | 1,658 |
| 7,834.23 | 387,555 | 119 | 278 | 5.98 | 2.0 | 115,362.20 | 23 | 4,331 | 26.63 | 1,269 |
| 7,577.47 | 291,254 | 143 | 172 | 4.47 | 2.6 | 8,153.55 | 28 | 441 | 18.48 | 766 |
| 6,469.37 | 309,759 | 195 | 135 | 2.82 | 2.1 | 14,146.18 | 21 | 785 | 18.02 | 1,301 |
| 3,063.11 | 138,693 | 101 | 116 | 2.57 | 2.2 | 13,369.98 | 27 | 548 | 24.39 | 669 |
| 12,794.46 | 340,594 | 183 | 155 | 5.84 | 3.8 | 18,102.01 | 22 | 631 | 28.69 | 1,011 |
| 6,756.06 | 233,591 | 184 | 107 | 3.09 | 2.9 | 28,066.21 | 69 | 864 | 32.48 | 893 |
| 8,646.58 | 361,013 | 190 | 158 | 3.79 | 2.4 | 10,519.76 | 46 | 438 | 24.02 | 1,163 |
| 12,485.34 | 606,017 | 193 | 244 | 5.01 | 2.0 | 11,516.88 | 18 | 414 | 27.82 | 1,360 |
| 6,871.96 | 353,011 | 158 | 188 | 3.66 | 1.9 | 6,318.12 | 19 | 322 | 19.62 | 773 |
| 22,062.75 | 988,419 | 227 | 368 | 8.23 | 2.2 | 48,160.44 | 46 | 2,240 | 21.50 | 1,749 |
| 6,380.63 | 211,207 | 59 | 150 | 4.54 | 3.0 | 11,075.07 | 9 | 305 | 36.31 | 1,101 |
| 8,549.64 | 355,111 | 193 | 153 | 3.68 | 2.4 | 20,836.06 | 46 | 830 | 25.10 | 1,225 |
| 20,069.40 | 956,401 | 204 | 440 | 8.80 | 2.1 | 27,949.77 | 27 | 894 | 31.26 | 2,932 |
| 15,936.44 | 842,365 | 250 | 288 | 5.44 | 1.9 | 12,082.95 | 32 | 504 | 23.97 | 1,060 |
| 16,148.06 | 388,332 | 250 | 131 | 5.47 | 4.2 | 26,593.78 | 40 | 830 | 32.04 | 1,864 |
| 8,597.66 | 338,819 | 171 | 172 | 4.37 | 2.5 | 10,944.24 | 26 | 413 | 26.50 | 954 |
| 6,561.93 | 360,780 | 196 | 156 | 2.88 | 1.8 | 15,255.50 | 13 | 777 | 19.63 | 1,394 |
| 11,672.36 | 527,839 | 205 | 210 | 4.93 | 2.3 | 13,070.68 | 27 | 634 | 20.62 | 1,040 |
| 36,120.95 | 1,717,619 | 339 | 436 | 9.18 | 2.1 | 115,819.44 | 93 | 4,394 | 26.38 | 2,925 |
| 9,754.82 | 343,600 | 202 | 142 | 4.04 | 2.8 | 78,075.63 | 28 | 2,814 | 27.75 | 1,151 |
| 20,467.05 | 828,042 | 214 | 335 | 8.28 | 2.5 | 33,543.99 | 68 | 1,686 | 19.90 | 1,945 |
| 6,999.85 | 324,417 | 146 | 183 | 3.92 | 2.1 | 45,576.40 | 24 | 1,849 | 24.65 | 1,243 |
| 8,871.48 | 356,986 | 144 | 212 | 5.26 | 2.5 | 18,477.87 | 16 | 696 | 26.55 | 938 |
| 7,471.78 | 158,182 | 160 | 82 | 3.89 | 4.7 | 10,810.40 | 26 | 380 | 28.45 | 693 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

NOTE.—The power used in the smaller places and rural districts is, and possibly must always be, a relatively small proportion of the power distributed by the Commission. Thus, the power used by the small municipalities in the following group, which includes small towns, villages, townships and rural districts, is less than 10 per cent of the power distributed by the Commission to Ontario municipalities. This relatively small proportion of the total power, however, exerts

| Municipality | System | Population | Distance from generating station | Domestic service | | | | | |
|------------------|--------|------------|----------------------------------|------------------|-------------|---------------------|-----------------------------|----------------------|--------------------|
| | | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
| Acton..... | Nia. | 1,870 | 91 | 9,268.93 | 420,119 | 460 | 77 | 1.60 | 2.2 |
| Agincourt..... | Nia. | P.V. | 93 | 3,690.80 | 109,658 | 130 | 71 | 2.42 | 3.3 |
| Ailsa Craig..... | Nia. | 509 | 148 | 2,208.11 | 47,384 | 145 | 32 | 1.37 | 4.6 |
| Alliston..... | G. B. | 1,336 | 74 | 9,311.60 | 163,166 | 321 | 42 | 2.41 | 5.7 |
| Alvinston..... | Nia. | 626 | 267 | 3,852.39 | 59,636 | 150 | 33 | 2.16 | 6.4 |
| Ancaster Twp.... | Nia. | 4,213 | 59 | 12,689.96 | 421,798 | 588 | 62 | 1.84 | 3.0 |
| Apple Hill..... | St. L. | P.V. | 19 | 985.26 | 18,320 | 37 | 42 | 2.28 | 5.3 |
| Arkona..... | Nia. | 386 | 250 | 2,208.22 | 43,052 | 101 | 37 | 1.05 | 5.1 |
| Arthur..... | G. B. | 1,018 | 63 | 4,014.84 | 58,212 | 151 | 33 | 2.29 | 6.8 |
| Ayr..... | Nia. | 796 | 84 | 3,663.39 | 159,578 | 190 | 72 | 1.66 | 2.3 |
| Baden..... | Nia. | P.V. | 103 | 2,765.47 | 117,128 | 118 | 84 | 1.98 | 2.3 |
| *Barton Twp.... | Nia. | 7,782 | 46 | 24,139.25 | 801,319 | 1,138 | 58 | 1.77 | 3.0 |
| Beachville..... | Nia. | P.V. | 101 | 2,292.85 | 78,711 | 106 | 63 | 1.03 | 2.9 |
| †Beaverton..... | G. B. | 984 | 28 | 6,818.27 | 233,505 | 369 | 55 | 1.60 | 2.9 |
| Beeton..... | G. B. | 565 | 80 | 3,286.18 | 59,586 | 114 | 46 | 2.58 | 5.5 |
| Belle River..... | Nia. | 774 | 250 | 4,294.46 | 124,820 | 169 | 63 | 2.19 | 3.4 |
| Blenheim..... | Nia. | 1,547 | 202 | 7,101.05 | 260,982 | 470 | 46 | 1.27 | 2.7 |
| Bloomfield..... | C. O. | 600 | 29 | 2,610.65 | 42,194 | 146 | 25 | 1.55 | 6.0 |
| Blyth..... | Nia. | 624 | 161 | 2,785.77 | 53,220 | 135 | 34 | 1.80 | 5.3 |
| Bolton..... | Nia. | 600 | 98 | 2,888.39 | 66,608 | 140 | 40 | 1.75 | 4.3 |
| Bothwell..... | Nia. | 630 | 217 | 2,702.07 | 71,282 | 149 | 38 | 1.47 | 3.7 |
| Bradford..... | G. B. | 958 | 74 | 4,757.33 | 82,569 | 184 | 37 | 2.15 | 5.8 |
| Brantford Twp.. | Nia. | 7,163 | 79 | 16,577.40 | 768,751 | 698 | 94 | 2.04 | 2.2 |
| Brechin..... | G. B. | P.V. | 18 | 943.03 | 16,068 | 39 | 35 | 2.06 | 5.8 |
| **Bridgeport.... | Nia. | P.V. | 98 | 2,332.23 | ..... | 90 | ..... | ..... | ..... |
| Brigden..... | Nia. | P.V. | 233 | 2,102.21 | 49,625 | 102 | 40 | 1.73 | 4.2 |
| Brussels..... | Nia. | 771 | 159 | 4,290.32 | 106,661 | 176 | 52 | 2.09 | 4.0 |
| Burford..... | Nia. | P.V. | 83 | 3,530.91 | 121,098 | 177 | 56 | 1.64 | 2.9 |
| Burgessville.... | Nia. | P.V. | 116 | 1,220.46 | 28,493 | 50 | 48 | 2.07 | 4.2 |
| Caledonia..... | Nia. | 1,460 | 65 | 3,522.74 | 130,657 | 222 | 63 | 1.34 | 2.6 |
| Campbellville... | Nia. | P.V. | 96 | 1,049.83 | 15,613 | 37 | 36 | 2.43 | 6.7 |
| Cannington..... | G. B. | 890 | 36 | 4,206.29 | 140,253 | 227 | 51 | 1.55 | 2.9 |
| Cayuga..... | Nia. | 698 | 82 | 1,930.20 | 43,769 | 75 | 49 | 2.18 | 4.4 |
| Chatsworth..... | G. B. | 316 | 23 | 1,414.72 | 22,297 | 54 | 33 | 2.10 | 6.3 |
| Chesley..... | G. B. | 1,722 | 46 | 7,401.98 | 205,094 | 388 | 44 | 1.60 | 3.6 |

*Includes consumers annexed by Hamilton on Oct. 1st, 1928.

†Includes rural consumers.

**Nine months' operation.

“D”—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

VILLAGES, AND SUBURBAN AND RURAL AREAS

upon the economic life of the Province a most beneficial influence. It should further be appreciated that about 35 per cent of these municipalities obtain their power, not from Niagara, but from relatively small and isolated water power developments throughout the Province. The net cost per kilowatt-hour given in the table is the cost inclusive of all charges. Consult also introduction to Statement “D,” page 354.

| Commercial light service | | | | | | Power service | | | | Total number of consumers |
|--------------------------|-------------|---------------------|-----------------------------|----------------------|---------------------|---------------|---------------------|---------------------|------------------------------|---------------------------|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average horse-power | Average cost per horse-power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. cts. | | \$ c. | | | \$ c. | |
| 2,945.23 | 109,045 | 75 | 119 | 3.45 | 2.7 | 13,061.48 | 19 | 441 | 29.64 | 554 |
| 701.72 | 15,494 | 16 | 80 | 3.65 | 4.5 | 1,596.21 | 2 | 61 | 26.16 | 148 |
| 1,522.77 | 25,136 | 43 | 51 | 3.09 | 6.0 | 1,650.69 | 2 | 40 | 41.26 | 190 |
| 5,414.98 | 80,878 | 107 | 66 | 4.46 | 6.6 | 2,414.10 | 15 | 147 | 16.42 | 443 |
| 2,223.99 | 34,342 | 58 | 50 | 3.25 | 6.4 | 1,508.07 | 4 | 39 | 38.67 | 212 |
| 1,890.06 | 67,084 | 40 | 130 | 3.66 | 2.8 | 532.48 | 3 | 40 | 13.31 | 631 |
| 681.03 | 11,468 | 17 | 56 | 3.33 | 5.9 | 433.64 | 1 | 11 | 39.42 | 55 |
| 1,221.04 | 24,259 | 32 | 67 | 3.39 | 5.0 | 1,044.52 | 3 | 27 | 36.46 | 136 |
| 3,390.49 | 39,789 | 80 | 42 | 3.62 | 8.5 | 2,037.95 | 3 | 48 | 42.45 | 234 |
| 1,441.86 | 43,820 | 47 | 79 | 2.61 | 3.3 | 1,012.17 | 5 | 45 | 22.50 | 242 |
| 857.43 | 25,597 | 26 | 80 | 2.85 | 3.0 | 7,177.40 | 4 | 251 | 28.59 | 148 |
| 2,636.04 | 104,118 | 67 | 127 | 3.23 | 2.5 | 5,838.98 | 6 | 167 | 34.96 | 1,211 |
| 951.39 | 26,796 | 28 | 85 | 3.04 | 3.0 | 6,670.67 | 3 | 255 | 26.15 | 137 |
| 2,240.38 | 95,797 | 64 | 133 | 3.11 | 2.3 | 2,249.66 | 10 | 93 | 24.18 | 443 |
| 2,723.11 | 39,853 | 37 | 92 | 6.30 | 6.8 | 3,422.07 | 6 | 95 | 36.02 | 157 |
| 1,680.38 | 38,508 | 31 | 103 | 4.51 | 4.3 | 1,336.21 | 4 | 53 | 25.21 | 204 |
| 4,695.59 | 195,543 | 117 | 144 | 3.46 | 2.4 | 5,345.64 | 13 | 228 | 23.44 | 600 |
| 1,019.75 | 22,693 | 23 | 85 | 3.86 | 4.4 | 2,948.91 | 10 | 95 | 31.04 | 179 |
| 1,348.57 | 23,466 | 45 | 45 | 2.58 | 5.7 | 1,079.84 | 4 | 48 | 22.50 | 184 |
| 1,107.38 | 21,507 | 45 | 41 | 2.14 | 5.1 | 2,870.54 | 9 | 94 | 30.53 | 194 |
| 1,527.34 | 47,561 | 51 | 79 | 2.54 | 3.2 | 1,031.62 | 6 | 50 | 20.60 | 206 |
| 3,471.11 | 48,428 | 53 | 76 | 5.45 | 7.1 | 7,177.12 | 7 | 211 | 34.01 | 244 |
| 3,711.40 | 158,207 | 40 | 300 | 7.03 | 2.3 | 3,876.03 | 3 | 101 | 38.37 | 741 |
| 974.06 | 19,321 | 24 | 67 | 3.38 | 5.0 | 1,097.02 | 4 | 38 | 28.80 | 67 |
| 567.89 | ..... | 14 | ..... | ..... | ..... | 2,347.09 | 3 | ..... | ..... | 107 |
| 1,764.16 | 42,914 | 40 | 91 | 3.76 | 4.1 | 1,739.75 | 5 | 51 | 34.11 | 147 |
| 2,157.68 | 47,513 | 57 | 71 | 3.21 | 4.5 | 506.81 | 1 | 15 | 33.79 | 234 |
| 969.27 | 33,136 | 35 | 110 | 3.23 | 2.9 | 1,883.82 | 4 | 71 | 26.53 | 216 |
| 516.38 | 11,622 | 20 | 60 | 2.68 | 4.4 | 1,177.30 | 2 | 34 | 34.62 | 72 |
| 3,775.46 | 163,311 | 81 | 170 | 3.93 | 2.3 | 3,308.04 | 10 | 129 | 25.64 | 313 |
| 476.65 | 12,138 | 8 | 144 | 5.67 | 7.0 | ..... | ..... | ..... | ..... | 45 |
| 2,204.77 | 68,620 | 71 | 81 | 2.62 | 3.2 | 1,023.11 | 12 | 63 | 16.24 | 310 |
| 1,709.01 | 35,182 | 47 | 65 | 3.16 | 4.8 | 1,124.38 | 3 | 32 | 35.13 | 125 |
| 1,147.04 | 17,880 | 35 | 48 | 3.08 | 6.3 | 308.85 | 1 | 22 | 14.04 | 90 |
| 4,338.58 | 132,599 | 100 | 110 | 3.61 | 3.2 | 8,835.21 | 19 | 256 | 34.51 | 507 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III.—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|--------------------|--------|-----------------|---|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
| Chesterville..... | St. L. | 1,036 | 44 | 3,939.78 | 136,258 | 205 | 56 | 1.64 | 2.8 |
| Chippawa..... | Nia. | 1,129 | 4 | 5,710.48 | 245,430 | 263 | 79 | 1.85 | 2.0 |
| Clifford..... | Nia. | 536 | 173 | 1,674.29 | 31,402 | 81 | 22 | 1.78 | 5.3 |
| Clinton..... | Nia. | 1,981 | 155 | 10,297.50 | 420,783 | 497 | 71 | 1.74 | 2.4 |
| Coldwater..... | G. B. | 606 | 17 | 2,231.61 | 82,985 | 128 | 55 | 1.48 | 2.6 |
| Comber..... | Nia. | P.V. | 216 | 2,405.69 | 67,929 | 96 | 59 | 2.11 | 3.5 |
| Cookstown..... | G. B. | P.V. | 65 | 2,080.07 | 26,126 | 93 | 23 | 1.90 | 8.2 |
| Cottam..... | Nia. | P.V. | 257 | 2,168.52 | 37,700 | 90 | 35 | 2.05 | 5.7 |
| Courtright..... | Nia. | 396 | 215 | 1,834.90 | 31,635 | 67 | 40 | 2.35 | 5.8 |
| Creemore..... | G. B. | 643 | 60 | 1,978.03 | 55,262 | 150 | 30 | 1.10 | 3.5 |
| Dashwood..... | Nia. | P.V. | 163 | 1,431.09 | 28,451 | 61 | 38 | 1.95 | 5.1 |
| Delaware..... | Nia. | P.V. | 137 | 1,003.22 | 18,540 | 48 | 34 | 1.85 | 5.4 |
| Dorchester..... | Nia. | P.V. | 129 | 2,594.03 | 87,206 | 127 | 57 | 1.70 | 2.9 |
| Drayton..... | Nia. | 593 | 169 | 2,632.70 | 74,665 | 156 | 40 | 1.41 | 3.5 |
| Dresden..... | Nia. | 1,396 | 210 | 4,824.37 | 150,457 | 353 | 36 | 1.16 | 3.2 |
| Drumbo..... | Nia. | P.V. | 90 | 1,780.54 | 55,682 | 85 | 55 | 1.78 | 3.2 |
| Dublin..... | Nia. | P.V. | 140 | 1,049.90 | 19,176 | 37 | 43 | 2.36 | 5.4 |
| Dundalk..... | G. B. | 558 | 18 | 2,183.40 | 53,633 | 154 | 30 | 1.23 | 4.1 |
| Durham..... | G. B. | 1,694 | 23 | 4,951.40 | 144,858 | 355 | 35 | 1.18 | 3.4 |
| Dutton..... | Nia. | 800 | 152 | 3,059.47 | 114,641 | 200 | 50 | 1.33 | 2.6 |
| Elmvale..... | G. B. | P.V. | 32 | 2,018.45 | 62,602 | 132 | 39 | 1.28 | 3.2 |
| Elmwood..... | G. B. | P.V. | 40 | 962.01 | 13,169 | 50 | 22 | 1.63 | 7.4 |
| Elora..... | Nia. | 1,170 | 94 | 5,568.46 | 218,656 | 281 | 65 | 1.66 | 2.5 |
| Embro..... | Nia. | 443 | 107 | 2,552.71 | 67,705 | 97 | 60 | 2.26 | 3.7 |
| Erieau..... | Nia. | 226 | 210 | 3,029.56 | 49,514 | 118 | 37 | 2.27 | 6.0 |
| *Erie Beach..... | Nia. | 27 | 209 | 1,083.86 | 13,080 | 55 | 20 | 1.67 | 8.0 |
| Essex..... | Nia. | 1,809 | 254 | 8,370.34 | 244,270 | 404 | 51 | 1.77 | 3.4 |
| Etobicoke Twp..... | Nia. | 14,315 | 73 | 74,314.28 | 2,904,018 | 3,326 | 74 | 1.91 | 2.5 |
| Exeter..... | Nia. | 1,590 | 155 | 9,551.38 | 393,081 | 427 | 77 | 1.87 | 2.4 |
| Fergus..... | Nia. | 2,184 | 94 | 11,085.50 | 418,282 | 524 | 68 | 1.80 | 2.6 |
| **Finch..... | St. L. | 361 | 53 | 1,477.92 | ..... | 66 | ..... | ..... | ..... |
| Flesherton..... | G. B. | 412 | 7 | 2,083.09 | 44,630 | 119 | 34 | 1.61 | 4.7 |
| Fonthill..... | Nia. | 708 | 25 | 3,965.13 | 136,197 | 203 | 57 | 1.66 | 2.9 |
| Forest..... | Nia. | 1,443 | 256 | 9,858.99 | 269,289 | 431 | 51 | 1.89 | 3.7 |
| Georgetown..... | Nia. | 1,970 | 100 | 10,454.45 | 541,665 | 600 | 73 | 1.41 | 1.9 |
| Glencoe..... | Nia. | 782 | 229 | 4,785.53 | 112,678 | 210 | 44 | 1.88 | 4.3 |
| Grand Valley..... | G. B. | 546 | 51 | 2,530.59 | 48,715 | 130 | 32 | 1.64 | 5.1 |
| Granton..... | Nia. | P.V. | 147 | 1,430.60 | 46,616 | 75 | 51 | 1.58 | 3.1 |
| Gravenhurst..... | G. B. | 1,722 | 7 | 6,502.82 | 295,167 | 382 | 66 | 1.45 | 2.2 |
| Hagersville..... | Nia. | 1,227 | 75 | 3,885.43 | 178,602 | 266 | 57 | 1.23 | 2.2 |

*Unusual conditions—Summer resorts.

**Ten months' operation.

"D"—Continued

in Ontario Municipalities Served by the Commission
and for Power Service During the Year 1928

VILLAGES, AND SUBURBAN AND RURAL AREAS

| Commercial light service | | | | | | Power service | | | | Total number of con- sumers |
|--------------------------|------------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|----------------------------|--|---|
| Revenue | Consump- tion | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average horse- power | Average cost per horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. cts. | | \$ c. | | | \$ c. | |
| 2,040.43 | 67,636 | 62 | 92 | 2.78 | 3.0 | 6,361.51 | 3 | 199 | 31.96 | 270 |
| 1,642.92 | 79,135 | 28 | 212 | 4.14 | 2.0 | 3,141.98 | 4 | 87 | 36.11 | 295 |
| 1,101.08 | 18,386 | 38 | 42 | 2.54 | 5.9 | 116.52 | 1 | 5 | 23.30 | 120 |
| 4,656.59 | 163,959 | 124 | 110 | 3.12 | 2.8 | 5,187.16 | 14 | 188 | 27.59 | 635 |
| 1,265.05 | 36,866 | 55 | 59 | 2.02 | 3.4 | 1,701.64 | 3 | 85 | 20.01 | 186 |
| 2,034.87 | 49,823 | 48 | 86 | 3.53 | 4.0 | 3,743.81 | 2 | 93 | 40.25 | 146 |
| 1,583.28 | 20,465 | 36 | 47 | 3.66 | 7.7 | 82.69 | 2 | 8 | 10.33 | 131 |
| 1,453.47 | 36,050 | 25 | 125 | 5.04 | 4.0 | 544.06 | 2 | 20 | 27.15 | 117 |
| 1,117.34 | 27,283 | 22 | 119 | 4.90 | 4.0 | | | | | 89 |
| 1,664.05 | 39,462 | 59 | 55 | 2.35 | 4.2 | 1,437.29 | 5 | 64 | 22.45 | 214 |
| 985.95 | 16,678 | 25 | 51 | 3.04 | 5.9 | 1,526.67 | 1 | 43 | 35.50 | 87 |
| 777.39 | 14,827 | 17 | 72 | 3.81 | 5.3 | | | | | 65 |
| 937.37 | 27,066 | 31 | 83 | 2.89 | 3.4 | 621.17 | 2 | 31 | 20.03 | 160 |
| 1,818.75 | 40,934 | 56 | 61 | 2.70 | 4.4 | 1,595.92 | 5 | 59 | 27.05 | 217 |
| 4,331.23 | 160,939 | 124 | 110 | 2.98 | 2.7 | 5,587.28 | 15 | 212 | 26.35 | 492 |
| 730.12 | 16,436 | 22 | 62 | 2.77 | 4.4 | 842.60 | 2 | 29 | 29.05 | 109 |
| 798.40 | 11,544 | 24 | 45 | 3.16 | 7.0 | 1,530.47 | 4 | 43 | 35.59 | 65 |
| 2,159.81 | 61,551 | 74 | 68 | 2.39 | 3.6 | 2,818.47 | 3 | 127 | 22.19 | 231 |
| 3,814.28 | 107,987 | 102 | 90 | 3.19 | 3.5 | 12,136.66 | 7 | 462 | 26.27 | 464 |
| 2,356.95 | 85,637 | 69 | 101 | 2.80 | 2.7 | 2,873.09 | 7 | 128 | 22.44 | 276 |
| 1,390.22 | 43,971 | 49 | 71 | 2.27 | 3.1 | 4,302.76 | 10 | 175 | 24.58 | 191 |
| 519.00 | 6,934 | 19 | 28 | 2.16 | 7.7 | 1,331.95 | 1 | 33 | 40.36 | 70 |
| 3,589.81 | 95,440 | 75 | 108 | 4.09 | 3.7 | 9,017.60 | 3 | 325 | 27.74 | 359 |
| 1,338.97 | 31,647 | 43 | 64 | 2.72 | 4.2 | 1,581.04 | 2 | 65 | 24.32 | 142 |
| 1,002.73 | 18,831 | 9 | 195 | 10.44 | 5.3 | 80.95 | 1 | 5 | | 128 |
| 262.06 | 2,575 | 2 | 107 | 10.92 | 10.2 | | | | | 57 |
| 6,280.40 | 171,118 | 116 | 120 | 4.43 | 3.6 | 6,858.89 | 18 | 270 | 25.40 | 538 |
| 21,276.30 | 845,797 | 325 | 233 | 5.87 | 2.5 | 11,149.64 | 20 | 606 | 18.39 | 3,671 |
| 4,182.82 | 128,988 | 111 | 97 | 3.16 | 3.2 | 6,563.71 | 11 | 271 | 24.22 | 549 |
| 5,583.78 | 187,865 | 109 | 146 | 4.35 | 3.0 | 7,290.92 | 14 | 285 | 25.58 | 647 |
| 1,150.81 | | 28 | | | | 1,077.93 | 1 | | | 95 |
| 1,782.85 | 40,805 | 38 | 91 | 4.07 | 4.5 | 395.95 | 1 | 25 | 15.84 | 158 |
| 753.05 | 26,324 | 20 | 97 | 2.79 | 2.9 | 395.82 | 4 | 17 | 23.28 | 227 |
| 4,743.05 | 124,367 | 122 | 84 | 3.23 | 3.8 | 4,378.80 | 23 | 188 | 23.29 | 576 |
| 5,283.40 | 227,467 | 131 | 148 | 3.44 | 2.3 | 18,459.42 | 27 | 722 | 25.56 | 758 |
| 3,163.54 | 81,204 | 70 | 96 | 3.77 | 3.9 | 2,514.78 | 5 | 86 | 29.24 | 285 |
| 2,126.34 | 35,117 | 52 | 56 | 3.38 | 6.0 | 2,035.35 | 2 | 58 | 35.09 | 184 |
| 957.04 | 22,506 | 31 | 62 | 2.66 | 4.2 | 1,239.79 | 1 | 40 | 30.99 | 107 |
| 4,549.44 | 237,212 | 66 | 295 | 5.66 | 1.9 | 9,528.99 | 14 | 327 | 29.14 | 462 |
| 3,865.38 | 188,807 | 99 | 162 | 3.32 | 2.0 | 30,096.60 | 13 | 1,277 | 23.57 | 378 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|------------------------------|--------|-----------------|---|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
| Harriston..... | Nia. | 1,237 | 167 | 4,701.57 | 150,115 | 298 | 43 | 1.35 | 3.1 |
| Harrow..... | Nia. | P.V. | 267 | 6,088.47 | 206,421 | 198 | 91 | 2.71 | 3.0 |
| Havelock..... | C. O. | 1,069 | 25 | 5,932.75 | 116,895 | 291 | 34 | 1.71 | 5.0 |
| Hensall..... | Nia. | 732 | 161 | 3,542.24 | 111,702 | 160 | 58 | 1.85 | 3.2 |
| Highgate..... | Nia. | 398 | 217 | 1,550.19 | 34,737 | 93 | 32 | 1.41 | 4.4 |
| Holstein..... | G. B. | P.V. | 34 | 892.78 | 7,141 | 46 | 14 | 1.69 | 12.5 |
| Humberstone.... | Nia. | 1,766 | 22 | 9,065.78 | 296,979 | 395 | 65 | 1.98 | 3.0 |
| Jarvis..... | Nia. | 468 | 81 | 1,434.33 | 32,532 | 78 | 35 | 1.55 | 4.4 |
| Kemptville..... | Rid. | 1,163 | 62 | 5,859.46 | 119,292 | 273 | 37 | 1.84 | 5.0 |
| Kirkfield..... | G. B. | P.V. | 35 | 611.73 | 11,037 | 22 | 42 | 2.32 | 5.5 |
| Lakefield..... | C. O. | 1,343 | 8 | 5,903.58 | 113,048 | 272 | 36 | 1.86 | 5.2 |
| Lambeth..... | Nia. | P.V. | 130 | 3,025.70 | 100,568 | 96 | 86 | 2.60 | 3.0 |
| Lanark..... | Rid. | 549 | 21 | 2,298.75 | 32,608 | 117 | 25 | 1.75 | 7.0 |
| Lancaster..... | St. L. | 588 | 25 | 1,718.93 | 20,776 | 69 | 24 | 2.03 | 8.3 |
| La Salle..... | Nia. | 647 | 248 | 7,904.70 | 316,188 | 152 | 173 | 4.33 | 2.5 |
| London Twp.... | Nia. | 7,431 | 128 | 7,585.12 | 267,001 | 283 | 80 | 2.26 | 2.8 |
| Lucan..... | Nia. | 574 | 141 | 4,343.57 | 152,596 | 167 | 77 | 2.18 | 2.8 |
| Lucknow..... | G. B. | 1,026 | 68 | 5,682.52 | 110,559 | 239 | 39 | 2.00 | 5.1 |
| Lynden..... | Nia. | P.V. | 62 | 1,541.66 | 53,078 | 75 | 58 | 1.68 | 2.9 |
| Markdale..... | G. B. | 871 | 7 | 3,104.23 | 99,072 | 178 | 47 | 1.48 | 3.1 |
| Markham..... | Nia. | 956 | 114 | 4,766.95 | 119,086 | 237 | 43 | 1.73 | 4.0 |
| Marmora..... | C. O. | 876 | 20 | 2,943.39 | 50,213 | 172 | 25 | 1.47 | 5.9 |
| Martintown.... | St. L. | P.V. | 14 | 779.88 | 8,120 | 33 | 22 | 2.13 | 9.6 |
| Maxville..... | St. L. | 782 | 26 | 3,036.28 | 33,478 | 124 | 22 | 1.99 | 9.0 |
| Merlin..... | Nia. | P.V. | 219 | 1,799.61 | 30,912 | 96 | 27 | 1.56 | 5.8 |
| Milton..... | Nia. | 1,875 | 88 | 9,709.79 | 401,391 | 440 | 75 | 1.83 | 2.4 |
| Milverton..... | Nia. | 947 | 139 | 4,253.99 | 156,715 | 208 | 63 | 1.73 | 2.7 |
| Mitchell..... | Nia. | 1,640 | 135 | 8,220.86 | 351,484 | 433 | 68 | 1.59 | 2.3 |
| Moorefield..... | Nia. | P.V. | 168 | 726.24 | 15,175 | 48 | 28 | 1.36 | 4.9 |
| Mt. Brydges.... | Nia. | P.V. | 141 | 2,334.76 | 58,952 | 120 | 42 | 1.68 | 4.0 |
| Mt. Forest..... | G. B. | 1,829 | 38 | 7,233.65 | 222,213 | 380 | 49 | 1.61 | 3.3 |
| Neustadt..... | G. B. | 449 | 40 | 1,896.34 | 18,905 | 87 | 18 | 1.82 | 10.1 |
| Newbury..... | Nia. | 285 | 223 | 983.20 | 19,243 | 58 | 27 | 1.40 | 5.2 |
| New Hamburg... | Nia. | 1,394 | 106 | 8,272.96 | 460,313 | 327 | 119 | 2.13 | 1.8 |
| Niagara-on-the- Lake..... | Nia. | 1,605 | 13 | 11,555.29 | 733,156 | 406 | 152 | 2.40 | 1.6 |
| Nipigon..... | T. B. | P.V. | 14 | 2,200.69 | 34,113 | 93 | 31 | 1.97 | 6.4 |
| Norwich..... | Nia. | 1,297 | 110 | 6,961.06 | 338,034 | 335 | 84 | 1.73 | 2.1 |
| Norwood..... | C. O. | 754 | 10 | 4,048.43 | 85,198 | 209 | 34 | 1.62 | 4.7 |
| Oil Springs..... | Nia. | 428 | 226 | 1,438.88 | 39,260 | 65 | 50 | 1.81 | 3.6 |
| Omamee..... | C. O. | 517 | 15 | 2,464.98 | 54,040 | 130 | 36 | 1.64 | 4.6 |

"D"—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

VILLAGES, AND SUBURBAN AND RURAL AREAS

| Commercial light service | | | | | | Power service | | | | Total number of con- sumers |
|--------------------------|------------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|----------------------------|--|---|
| Revenue | Consump- tion | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average horse- power | Average cost per horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. | \$ c. | | | \$ c. | |
| 3,211.84 | 89,775 | 97 | 80 | 2.88 | 3.6 | 5,833.01 | 12 | 225 | 25.92 | 407 |
| 3,664.98 | 90,663 | 67 | 124 | 5.01 | 4.0 | 2,226.23 | 4 | 94 | 23.68 | 269 |
| 1,596.92 | 30,450 | 47 | 52 | 2.74 | 5.2 | 6,725.27 | 3 | 194 | 34.15 | 341 |
| 1,465.56 | 55,025 | 58 | 84 | 2.24 | 2.6 | 2,823.14 | 12 | 104 | 27.14 | 230 |
| 1,057.66 | 24,014 | 33 | 57 | 2.51 | 4.4 | 3,094.83 | 6 | 72 | 42.98 | 132 |
| 534.50 | 5,192 | 17 | 24 | 2.54 | 10.3 | 227.79 | 1 | 8 | 28.47 | 64 |
| 3,287.35 | 116,038 | 61 | 162 | 4.60 | 2.8 | 5,766.22 | 8 | 217 | 26.57 | 464 |
| 1,247.13 | 37,020 | 37 | 89 | 3.04 | 3.4 | 4,123.53 | 4 | 137 | 30.10 | 119 |
| 6,742.66 | 158,678 | 72 | 167 | 7.11 | 4.3 | 4,016.39 | 7 | 110 | 36.51 | 352 |
| 552.17 | 9,428 | 14 | 54 | 3.17 | 5.8 | 473.48 | 1 | 20 | 23.67 | 37 |
| 4,639.82 | 92,281 | 74 | 103 | 5.19 | 5.0 | 3,257.39 | 8 | 150 | 21.71 | 354 |
| 877.86 | 30,519 | 16 | 150 | 4.30 | 2.8 | 314.14 | 1 | 37 | ..... | 113 |
| 1,228.42 | 18,457 | 33 | 48 | 3.20 | 6.6 | 139.77 | 2 | 5 | 27.95 | 152 |
| 1,639.69 | 18,873 | 33 | 49 | 4.27 | 8.7 | 129.13 | 1 | 3 | 33.04 | 103 |
| 3,261.26 | 108,709 | 24 | 379 | 10.49 | 3.0 | 2,342.16 | 2 | 52 | 45.04 | 178 |
| 717.23 | 24,599 | 11 | 205 | 5.98 | 2.9 | 1,036.01 | 3 | 31 | 33.42 | 297 |
| 1,348.43 | 37,155 | 41 | 78 | 2.84 | 3.6 | 2,217.36 | 9 | 88 | 25.20 | 217 |
| 3,104.86 | 52,510 | 81 | 54 | 3.21 | 5.9 | 3,929.28 | 4 | 107 | 36.72 | 324 |
| 763.24 | 34,542 | 21 | 144 | 3.18 | 2.2 | 891.33 | 1 | 39 | 22.86 | 97 |
| 2,105.23 | 62,659 | 78 | 68 | 2.31 | 3.4 | 1,473.92 | 9 | 84 | 17.55 | 265 |
| 2,449.04 | 42,801 | 63 | 59 | 3.35 | 5.7 | 3,292.31 | 10 | 102 | 32.27 | 310 |
| 1,678.42 | 35,122 | 48 | 60 | 2.84 | 4.7 | 924.05 | 3 | 42 | 22.00 | 223 |
| 720.55 | 9,340 | 19 | 43 | 3.33 | 7.7 | ..... | ..... | ..... | ..... | 52 |
| 2,035.91 | 26,140 | 49 | 45 | 3.50 | 7.8 | 228.28 | 2 | 5 | 45.65 | 175 |
| 1,392.52 | 34,817 | 38 | 77 | 3.07 | 4.0 | 3,808.84 | 4 | 97 | 39.27 | 138 |
| 4,660.79 | 150,064 | 92 | 135 | 4.20 | 3.1 | 31,154.06 | 21 | 1,079 | 28.87 | 553 |
| 2,399.21 | 88,229 | 71 | 104 | 2.83 | 2.7 | 16,224.77 | 9 | 493 | 32.91 | 288 |
| 4,355.51 | 145,494 | 117 | 105 | 3.14 | 3.0 | 6,598.97 | 27 | 311 | 21.22 | 577 |
| 744.78 | 12,538 | 27 | 36 | 2.14 | 5.9 | 1,388.05 | 2 | 42 | 33.05 | 77 |
| 811.39 | 18,988 | 30 | 60 | 2.55 | 4.3 | 1,054.35 | 3 | 32 | 32.95 | 153 |
| 5,183.63 | 167,108 | 136 | 102 | 3.17 | 3.1 | 5,826.27 | 12 | 250 | 23.30 | 528 |
| 1,201.45 | 15,563 | 27 | 50 | 3.85 | 7.7 | 3,155.34 | 4 | 88 | 35.85 | 118 |
| 448.86 | 8,553 | 22 | 32 | 1.70 | 5.3 | 674.10 | 1 | 25 | 26.96 | 81 |
| 3,977.56 | 128,987 | 95 | 118 | 3.64 | 3.1 | 7,421.51 | 12 | 291 | 25.50 | 434 |
| 2,908.44 | 112,599 | 70 | 137 | 3.54 | 2.6 | 2,131.34 | 7 | 83 | 25.68 | 483 |
| 1,772.14 | 36,815 | 29 | 104 | 5.01 | 4.8 | ..... | ..... | ..... | ..... | 122 |
| 2,976.15 | 93,136 | 87 | 91 | 2.90 | 3.2 | 2,465.63 | 9 | 119 | 20.72 | 431 |
| 2,150.17 | 35,810 | 70 | 43 | 2.60 | 6.0 | 1,803.07 | 5 | 72 | 25.04 | 284 |
| 1,018.43 | 26,426 | 34 | 68 | 2.61 | 3.8 | 9,975.53 | 36 | 307 | 32.49 | 135 |
| 1,139.98 | 25,382 | 40 | 53 | 2.37 | 4.5 | 435.70 | 3 | 18 | 24.20 | 173 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

Group III—SMALL TOWNS (less than 2,000 population)

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|-------------------|--------|-----------------|---|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
| Otterville..... | Nia. | P.V. | 115 | 1,797.68 | 59,077 | 101 | 46 | 1.41 | 3.1 |
| Paisley..... | G. B. | 720 | 56 | 3,292.26 | 47,232 | 164 | 25 | 1.71 | 6.8 |
| Palmerston..... | Nia. | 1,708 | 161 | 8,791.63 | 431,679 | 380 | 96 | 1.96 | 2.0 |
| Parkhill..... | Nia. | 964 | 157 | 4,395.98 | 101,565 | 215 | 40 | 1.74 | 4.3 |
| Plattsville..... | Nia. | P.V. | 96 | 1,724.90 | 32,730 | 82 | 35 | 1.83 | 5.2 |
| Point Edward... | Nia. | 1,400 | 209 | 5,401.70 | 191,701 | 276 | 58 | 1.63 | 2.8 |
| Port Credit..... | Nia. | 1,350 | 69 | 10,357.07 | 558,593 | 368 | 132 | 2.44 | 1.8 |
| Port Dalhousie... | Nia. | 1,554 | 21 | 10,678.24 | 581,778 | 553 | 88 | 1.61 | 1.8 |
| Port Dover..... | Nia. | 1,544 | 108 | 6,151.74 | 151,816 | 339 | 39 | 1.60 | 4.1 |
| Port McNicoll... | G. B. | 783 | 21 | 3,532.47 | 88,794 | 198 | 41 | 1.62 | 4.0 |
| Port Perry..... | G. B. | 1,155 | 58 | 6,665.56 | 170,477 | 265 | 54 | 2.10 | 3.9 |
| Port Rowan..... | Nia. | 696 | 124 | 1,589.60 | 34,760 | 69 | 51 | 2.32 | 4.5 |
| *Port Stanley... | Nia. | 690 | 146 | 8,998.02 | ..... | 563 | ..... | ..... | ..... |
| Priceville..... | G. B. | P.V. | 12 | 484.39 | 4,347 | 26 | 14 | 1.61 | 11.2 |
| Princeton..... | Nia. | P.V. | 96 | 2,079.25 | 36,341 | 81 | 38 | 2.18 | 5.7 |
| Queenston..... | Nia. | P.V. | 7 | 2,563.19 | 112,621 | 61 | 155 | 3.53 | 2.3 |
| **Richmond..... | Ott. | 368 | 19 | 228.20 | ..... | 27 | ..... | ..... | ..... |
| Richmond Hill... | Nia. | 1,197 | 103 | 6,135.68 | 214,712 | 308 | 58 | 1.66 | 2.9 |
| Ridgetown..... | Nia. | 1,942 | 211 | 9,256.54 | 405,693 | 531 | 65 | 1.49 | 2.3 |
| Ripley..... | G. B. | 420 | 69 | 2,812.54 | 34,194 | 93 | 32 | 2.63 | 8.2 |
| Rockwood..... | Nia. | P.V. | 87 | 2,368.16 | 94,799 | 130 | 63 | 1.58 | 2.5 |
| Rodney..... | Nia. | 760 | 163 | 2,669.51 | 74,139 | 196 | 33 | 1.18 | 3.6 |
| Russell..... | St. L. | P.V. | 58 | 2,576.56 | 28,495 | 96 | 25 | 2.24 | 9.0 |
| St. Clair Beach.. | Nia. | 122 | 247 | 1,715.73 | 74,347 | 39 | 167 | 3.86 | 2.3 |
| St. George..... | Nia. | P.V. | 82 | 2,252.16 | 137,811 | 125 | 94 | 1.51 | 1.6 |
| St. Jacobs..... | Nia. | P.V. | 102 | 2,648.82 | 121,997 | 97 | 102 | 2.22 | 2.2 |
| Scarboro Twp... | Nia. | 15,276 | 87 | 69,391.16 | 2,673,099 | 3,415 | 68 | 1.76 | 2.6 |
| Seaforth..... | Nia. | 1,751 | 147 | 8,395.34 | 367,494 | 454 | 60 | 1.36 | 2.3 |
| Shelburne..... | G. B. | 1,000 | 31 | 5,172.65 | 139,791 | 287 | 41 | 1.53 | 3.7 |
| Springfield..... | Nia. | 394 | 151 | 2,090.79 | 53,133 | 93 | 49 | 1.91 | 3.9 |
| Stamford Twp... | Nia. | 6,490 | 2 | 41,778.74 | 2,839,440 | 1,298 | 190 | 2.86 | 1.5 |
| Stayner..... | G. B. | 951 | 53 | 3,219.03 | 130,165 | 218 | 50 | 1.25 | 2.5 |
| Stouffville..... | Nia. | 1,080 | 110 | 5,139.95 | 108,373 | 271 | 35 | 1.66 | 4.7 |
| Sunderland..... | G. B. | P.V. | 44 | 2,025.59 | 30,452 | 97 | 26 | 1.70 | 6.6 |
| Sutton..... | Nia. | 747 | 114 | 5,871.10 | 93,334 | 332 | 24 | 1.50 | 6.2 |
| Tara..... | G. B. | 511 | 34 | 2,713.54 | 38,007 | 110 | 30 | 2.12 | 7.1 |
| Tavistock..... | Nia. | 993 | 129 | 6,128.61 | 312,524 | 239 | 109 | 2.13 | 1.9 |
| Tecumseh..... | Nia. | 1,951 | 246 | 13,677.37 | 490,126 | 416 | 103 | 2.88 | 2.8 |
| Teeswater..... | G. B. | 805 | 58 | 4,508.25 | 67,696 | 197 | 29 | 1.94 | 6.7 |
| Thamesford..... | Nia. | P.V. | 136 | 2,143.55 | 54,645 | 112 | 40 | 1.60 | 4.0 |

*Unusual conditions.—Summer resorts.

**Four months' operation.

"D"—Continued

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

VILLAGES, AND SUBURBAN AND RURAL AREAS

| Commercial light service | | | | | | Power service | | | | Total number of consumers |
|--------------------------|-------------|---------------------|-----------------------------|----------------------|---------------------|---------------|---------------------|---------------------|------------------------------|---------------------------|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average horse-power | Average cost per horse-power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. | \$ c. | | | \$ c. | |
| 1,490.49 | 48,838 | 39 | 110 | 3.36 | 3.1 | 924.09 | 5 | 36 | 25.67 | 145 |
| 2,140.38 | 36,074 | 54 | 56 | 3.33 | 5.9 | 1,284.54 | 4 | 37 | 34.72 | 222 |
| 4,725.54 | 215,383 | 97 | 188 | 4.15 | 2.2 | 7,378.41 | 8 | 264 | 27.95 | 485 |
| 2,809.07 | 66,515 | 76 | 75 | 3.18 | 4.2 | 1,604.11 | 5 | 65 | 24.68 | 296 |
| 883.13 | 14,738 | 25 | 47 | 2.83 | 6.0 | 314.45 | 2 | 15 | 20.96 | 109 |
| 1,710.64 | 60,053 | 44 | 113 | 3.24 | 2.9 | 10,246.18 | 14 | 525 | 19.51 | 334 |
| 4,791.92 | 212,247 | 75 | 242 | 5.47 | 2.2 | 1,640.65 | 5 | 71 | 23.11 | 448 |
| 2,157.67 | 94,483 | 46 | 177 | 4.04 | 2.3 | 4,130.33 | 11 | 183 | 22.57 | 610 |
| 4,893.27 | 120,795 | 128 | 81 | 3.30 | 4.1 | 4,281.70 | 15 | 187 | 22.90 | 482 |
| 725.29 | 20,011 | 26 | 63 | 2.28 | 3.6 | 41.72 | 1 | 1 | 41.72 | 225 |
| 2,312.34 | 49,147 | 65 | 67 | 3.16 | 4.7 | 4,382.47 | 13 | 157 | 27.91 | 343 |
| 1,620.51 | 28,272 | 32 | 78 | 4.50 | 5.8 | ..... | ..... | ..... | ..... | 101 |
| 3,081.47 | 84,093 | 73 | 94 | 3.47 | 3.7 | 4,679.57 | 12 | 136 | 34.41 | 648 |
| 277.74 | 2,583 | 9 | 24 | 2.57 | 10.7 | ..... | ..... | ..... | ..... | 35 |
| 647.18 | 11,408 | 18 | 51 | 2.91 | 5.7 | 96.80 | 1 | 3 | 32.26 | 100 |
| 198.92 | 4,987 | 6 | 64 | 2.55 | 4.0 | 884.86 | 2 | 30 | 29.49 | 69 |
| 537.62 | ..... | 24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 51 |
| 2,918.17 | 94,639 | 58 | 146 | 4.50 | 3.1 | 2,370.27 | 12 | 123 | 19.27 | 378 |
| 4,776.85 | 177,635 | 130 | 115 | 3.11 | 2.7 | 5,890.60 | 21 | 304 | 19.37 | 682 |
| 2,705.44 | 25,429 | 45 | 48 | 5.12 | 10.7 | ..... | ..... | ..... | ..... | 138 |
| 798.73 | 26,505 | 33 | 70 | 2.11 | 3.0 | 935.53 | 1 | 65 | 14.39 | 164 |
| 2,125.72 | 61,436 | 68 | 73 | 2.53 | 3.4 | 1,515.50 | 4 | 69 | 21.96 | 268 |
| 1,721.06 | 21,308 | 32 | 55 | 4.48 | 8.1 | ..... | ..... | ..... | ..... | 128 |
| 2,302.94 | 59,420 | 9 | 582 | 22.57 | 3.9 | 584.87 | 2 | 18 | 32.49 | 50 |
| 822.30 | 35,821 | 32 | 92 | 2.11 | 2.3 | 2,078.52 | 4 | 86 | 24.17 | 161 |
| 1,096.47 | 36,509 | 27 | 103 | 3.10 | 3.0 | 3,107.22 | 6 | 108 | 28.77 | 130 |
| 16,113.11 | 556,795 | 252 | 193 | 5.57 | 2.9 | 29,979.62 | 30 | 1,116 | 26.86 | 3,697 |
| 4,952.39 | 188,699 | 122 | 126 | 3.31 | 2.6 | 7,136.27 | 14 | 292 | 24.44 | 590 |
| 3,402.12 | 90,709 | 93 | 81 | 3.03 | 3.7 | 5,257.11 | 11 | 206 | 25.52 | 391 |
| 730.26 | 13,201 | 32 | 39 | 2.14 | 5.5 | 3,654.73 | 4 | 84 | 43.51 | 129 |
| 5,018.73 | 124,488 | 91 | 118 | 4.77 | 4.0 | 5,161.14 | 13 | 269 | 19.19 | 1,402 |
| 2,123.14 | 71,539 | 66 | 92 | 2.72 | 2.9 | 2,733.90 | 9 | 130 | 21.03 | 293 |
| 2,563.25 | 48,509 | 74 | 48 | 2.52 | 5.3 | 1,402.83 | 5 | 57 | 24.61 | 350 |
| 1,494.46 | 28,613 | 39 | 66 | 3.46 | 5.2 | 745.21 | 3 | 29 | 25.70 | 139 |
| 2,966.48 | 43,413 | 63 | 61 | 4.15 | 6.8 | 819.10 | 3 | 27 | 30.34 | 398 |
| 2,227.89 | 20,967 | 39 | 48 | 5.08 | 10.6 | 989.52 | 4 | 34 | 29.10 | 153 |
| 1,785.71 | 65,405 | 72 | 75 | 2.06 | 2.7 | 8,840.29 | 6 | 331 | 26.70 | 317 |
| 3,669.30 | 80,940 | 46 | 150 | 6.80 | 4.5 | 3,601.64 | 3 | 87 | 41.40 | 465 |
| 2,938.91 | 44,122 | 57 | 63 | 4.18 | 6.6 | 3,196.34 | 8 | 127 | 25.17 | 262 |
| 1,704.28 | 48,434 | 31 | 132 | 4.66 | 3.5 | 3,459.67 | 8 | 104 | 33.26 | 151 |

STATEMENT

Statistics Relating to the Supply of Electric Energy to Consumers
For Domestic Service, for Commercial Light Service

GROUP III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Popula- tion | Distance from generating station | Domestic service | | | | | |
|-------------------|--------|-----------------|---|------------------|-------------|--------------------------------|-----------------------------------|----------------------------|------------------------|
| | | | | Revenue | Consumption | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | miles | \$ c. | kw-hr. | | kw-hr. | \$ c. | cts. |
| Thamesville..... | Nia. | 817 | 207 | 3,809.48 | 123,991 | 181 | 52 | 1.61 | 3.1 |
| Thedford..... | Nia. | 558 | 268 | 2,315.69 | 47,123 | 123 | 32 | 1.57 | 4.9 |
| Thorndale..... | Nia. | P.V. | 136 | 1,684.65 | 34,955 | 64 | 44 | 2.11 | 4.8 |
| Thornton..... | G. B. | P.V. | 58 | 1,033.33 | 13,253 | 44 | 25 | 1.93 | 7.8 |
| Tilbury..... | Nia. | 1,996 | 209 | 6,222.79 | 214,507 | 375 | 50 | 1.47 | 2.9 |
| Toronto Twp.... | Nia. | 8,082 | 67 | 45,207.56 | 2,620,747 | 1,452 | 157 | 2.71 | 1.7 |
| Tottenham..... | G. B. | 608 | 82 | 2,793.89 | 36,752 | 117 | 26 | 2.00 | 7.7 |
| Trafalgar Twp.. | Nia. | 3,779 | ..... | 10,674.03 | 443,674 | 224 | 171 | 4.13 | 2.4 |
| Uxbridge..... | G. B. | 1,404 | 60 | 6,018.66 | 169,457 | 272 | 54 | 1.91 | 3.5 |
| Victoria Harbor.. | G. B. | 1,397 | 17 | 2,315.06 | 62,565 | 150 | 36 | 1.33 | 3.7 |
| Wardsville..... | Nia. | 212 | 225 | 948.11 | 11,382 | 50 | 19 | 1.61 | 8.4 |
| Warkworth..... | C. O. | P.V. | 17 | 1,679.24 | 28,887 | 90 | 28 | 1.62 | 5.8 |
| Waterdown..... | Nia. | 817 | 57 | 4,403.92 | 191,873 | 205 | 79 | 1.81 | 2.3 |
| Waterford..... | Nia. | 1,030 | 94 | 5,920.84 | 350,155 | 307 | 96 | 1.63 | 1.7 |
| Watford..... | Nia. | 1,031 | 256 | 6,078.20 | 167,764 | 266 | 53 | 1.92 | 3.6 |
| Waubausheene... | G. B. | P.V. | 12 | 1,755.40 | 53,781 | 110 | 41 | 1.34 | 3.2 |
| Wellesley..... | Nia. | P.V. | 111 | 2,363.11 | 78,599 | 114 | 58 | 1.76 | 3.0 |
| Wellington..... | C. O. | 822 | 22 | 4,302.94 | 97,718 | 253 | 33 | 1.45 | 4.4 |
| West Lorne..... | Nia. | 805 | 159 | 2,700.26 | 65,613 | 185 | 30 | 1.23 | 4.1 |
| Wheatley..... | Nia. | 717 | 279 | 3,796.01 | 95,854 | 167 | 49 | 1.90 | 3.9 |
| Williamsburg.... | St. L. | P.V. | 28 | 1,135.39 | 23,246 | 54 | 35 | 1.74 | 4.9 |
| Winchester..... | St. L. | 1,068 | 38 | 5,089.02 | 197,317 | 264 | 62 | 1.61 | 2.6 |
| Woodbridge..... | Nia. | 700 | 85 | 4,255.95 | 206,712 | 212 | 84 | 1.73 | 2.1 |
| Woodville..... | G. B. | 415 | 40 | 1,805.22 | 39,678 | 91 | 36 | 1.64 | 4.5 |
| Wyoming..... | Nia. | 499 | 239 | 2,072.98 | 40,279 | 118 | 28 | 1.45 | 5.2 |
| York, East Twp. | Nia. | 23,610 | 86 | 123,913.27 | 4,592,541 | 7,016 | 57 | 1.54 | 2.7 |
| York, North Twp | Nia. | 9,006 | 84 | 49,636.37 | 1,746,263 | 1,684 | 91 | 2.58 | 2.8 |
| Zurich..... | Nia. | P.V. | 168 | 2,568.89 | 69,221 | 110 | 52 | 1.94 | 3.7 |

“D”—Concluded

in Ontario Municipalities Served by the Commission
and for Power Service during the Year 1928

VILLAGES, AND SUBURBAN AND RURAL AREAS

| Commercial light service | | | | | | Power service | | | | Total number of con- sumers |
|--------------------------|------------------|--------------------------------|-----------------------------------|----------------------------|------------------------|---------------|--------------------------------|----------------------------|--|---|
| Revenue | Consump- tion | Number of con- sumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of con- sumers | Average horse- power | Average cost per horse- power | |
| \$ c. | kw-hr. | | kw-hr. | \$ c. cts. | | \$ c. | | | \$ c. | |
| 3,027.24 | 120,103 | 93 | 123 | 3.10 | 2.5 | 2,305.30 | 7 | 96 | 24.01 | 281 |
| 1,479.95 | 29,999 | 40 | 63 | 3.12 | 5.0 | 809.04 | 3 | 31 | 26.09 | 166 |
| 916.12 | 21,044 | 24 | 78 | 3.39 | 4.4 | 1,263.62 | 1 | 30 | 42.12 | 89 |
| 502.38 | 8,540 | 15 | 47 | 2.79 | 5.9 | 368.71 | 2 | 6 | 61.45 | 61 |
| 6,759.29 | 216,295 | 120 | 157 | 4.92 | 3.1 | 13,322.36 | 16 | 539 | 24.71 | 511 |
| 11,872.63 | 364,551 | 140 | 219 | 7.14 | 3.3 | 5,313.77 | 14 | 247 | 21.51 | 1,606 |
| 2,255.63 | 29,344 | 51 | 48 | 3.68 | 7.7 | 1,146.46 | 5 | 38 | 30.17 | 173 |
| 670.25 | 16,491 | 2 | 687 | 27.92 | 4.1 | 1,151.89 | 12 | 57 | 20.21 | 238 |
| 3,159.53 | 70,628 | 95 | 62 | 2.76 | 4.5 | 1,493.43 | 12 | 77 | 19.40 | 379 |
| 912.73 | 24,567 | 33 | 60 | 2.24 | 3.7 | ..... | ..... | ..... | ..... | 183 |
| 1,095.53 | 14,387 | 22 | 61 | 4.68 | 7.7 | ..... | ..... | ..... | ..... | 72 |
| 1,061.91 | 17,493 | 42 | 35 | 2.16 | 6.1 | ..... | ..... | ..... | ..... | 132 |
| 735.47 | 34,676 | 27 | 107 | 2.27 | 2.1 | 1,738.39 | 6 | 78 | 22.29 | 238 |
| 1,846.93 | 96,800 | 63 | 117 | 2.23 | 1.9 | 5,414.17 | 13 | 246 | 22.01 | 383 |
| 3,439.82 | 66,693 | 79 | 72 | 3.70 | 5.1 | 2,618.62 | 6 | 74 | 35.39 | 351 |
| 442.42 | 13,547 | 15 | 68 | 2.23 | 3.3 | 1,332.29 | 6 | 41 | 32.50 | 131 |
| 846.74 | 25,004 | 29 | 71 | 2.39 | 3.1 | 2,956.42 | 4 | 88 | 33.60 | 147 |
| 2,095.30 | 59,110 | 59 | 85 | 3.04 | 3.6 | 3,314.13 | 7 | 94 | 35.25 | 319 |
| 1,994.09 | 64,966 | 54 | 98 | 3.02 | 3.1 | 8,241.61 | 5 | 307 | 26.84 | 244 |
| 2,933.63 | 76,636 | 62 | 103 | 3.94 | 3.8 | 1,092.07 | 2 | 40 | 27.30 | 231 |
| 535.33 | 10,425 | 18 | 46 | 2.35 | 5.1 | 219.87 | 1 | 14 | 15.70 | 73 |
| 2,260.84 | 89,840 | 60 | 128 | 3.22 | 2.5 | 979.29 | 3 | 38 | 25.80 | 327 |
| 1,552.53 | 54,202 | 47 | 96 | 2.75 | 2.9 | 3,965.99 | 6 | 160 | 24.79 | 265 |
| 841.78 | 19,206 | 27 | 64 | 2.80 | 4.4 | 1,222.61 | 3 | 52 | 23.51 | 121 |
| 1,371.48 | 27,666 | 42 | 55 | 2.75 | 5.0 | 131.97 | 1 | 10 | 13.20 | 161 |
| 14,871.79 | 519,350 | 285 | 161 | 4.61 | 2.9 | 45,018.86 | 28 | 1,784 | 25.23 | 7,329 |
| 9,274.73 | 231,949 | 127 | 169 | 6.78 | 4.0 | 9,678.05 | 23 | 351 | 27.57 | 1,834 |
| 1,598.33 | 28,988 | 44 | 55 | 3.06 | 5.6 | 132.48 | 3 | 6 | 22.08 | 157 |

STATEMENT "E"

Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Municipalities Served by the Hydro-Electric Power Commission for the Year 1928

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through the Hydro-Electric Power Commission. The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, which is an important factor in determining the rates to consumers, is also stated.

Cost of Power to Municipalities

The figures of the first column in the table represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the several systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission." In accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

From the commencement of its operations, the Commission introduced in the municipalities which it serves, scientifically-designed rate schedules for each of the three main classes into which the electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

Domestic Service: Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

Commercial Light Service: Electrical energy used in stores, offices, churches, schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

Power Service: The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The average amount of power sold, per consumer, under these rates is approximately 30 horsepower—consult Statement "D." The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where the load conditions and other circumstances permit, lower rates are available for 10-hour power, and for other forms of restricted service. For these classifications, discounts additional to those listed in the table are applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Acton..... | 31.65 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Agincourt..... | 44.42 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Ailsa Craig..... | 44.56 | 33 | 55 | 3.5 | 1.75 | 0.83 | 10 |
| Alexandria..... | 65.45 | 33 | 60 | 6 | 2 | 1.39 | 10 |
| Alliston..... | 53.22 | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Alvinston..... | 93.41 | 33 | 60 | 6 | 2 | 2.22 | 10 |
| Amherstburg..... | 37.33 | 33 | 55 | 3.5 | 1.75 | 0.83 | 10 |
| Ancaster twp..... | 27.51 | 33 | 55 | 3 | 2 | 0.83 | 10 |
| Apple Hill..... | 56.95 | 33 | 60 | 6 | 2 | 1.66 | 10 |
| Arkona..... | 72.17 | 33 | 50 | 5 | 2 | 1.66 | 10 |
| Arthur..... | 67.95 | 33 | 35 | 7 | 3 | 1.94 | 10 |
| Aylmer..... | 33.76 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Ayr..... | 32.05 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Baden..... | 30.48 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Barrie..... | 27.84 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Barton twp..... | 28.51 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Beachville..... | 32.43 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Beaverton..... | 33.81 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Beeton..... | 64.91 | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Belle River..... | 34.54 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Blenheim..... | 38.37 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Bloomfield..... | 55.59 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Blyth..... | 61.44 | 33 | 50 | 4 | 2 | 1.66 | 10 |
| Bolton..... | 43.77 | 33 | 50 | 4.5 | 2 | 1.11 | 10 |
| Bothwell..... | 43.22 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Bradford..... | 57.62 | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Brampton..... | 30.74 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford..... | 25.36 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford twp..... | 25.74 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Brechin..... | 44.44 | 33 | 40 | 6 | 2 | 1.67 | 10 |
| Bridgeport..... | 26.19 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Brigden..... | 66.81 | 33 | 60 | 4 | 2 | 1.38 | 10 |
| Brockville..... | 27.86 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| Brussels..... | 50.04 | 33 | 50 | 4 | 2 | 1.66 | 10 |
| Burford..... | 35.37 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Burgessville..... | 42.96 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Caledonia..... | 28.21 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Campbellville..... | 64.05 | 33 | 35 | 7 | 2 | 2.22 | 10 |
| Cannington..... | 39.31 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Carleton Place..... | 47.82 | 33 | 40 | 5 | 2 | 1.11 | 10 |

"E"

Domestic Service—Commercial Light Service—Power Service Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 6 | 2 | 1.94 | 10 | 47.00 | 1.00 | 5.2 | 3.5 | 0.33 | | | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | | | 10 |
| 5 | 6 | 2 | 2.22 | 10 | 59.00 | 1.00 | 7.1 | 4.7 | 0.33 | min. 3.00 | | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3 | 2 | 0.83 | 10 | 31.00 | 1.00 | 3 | 2 | 0.33 | | | 10 |
| 5 | 6 | 2 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.66 | 10 | 59.00 | 1.00 | 7.1 | 4.7 | 0.33 | min. 3.00 | | 10 |
| 5 | 7 | 3 | 1.94 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | | 10 | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 44.00 | 1.00 | 4.8 | 3.2 | 0.33 | | | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 46.00 | 1.00 | 5.1 | 3.4 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.66 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | | | 10 |
| 5 | 4.5 | 2 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| | ‡3.5 | 0.35 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| | ‡‡1.75 | | | | | | | | | | | |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 54.00 | 1.00 | 6.3 | 4.2 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 33.00 | 1.00 | 3.1 | 2.1 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.38 | 10 | 52.00 | 1.00 | 6 | 4 | 0.33 | | | 10 |
| 5 | 2 | 1.25 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | min. 2.22 | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 7 | 2 | 2.22 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |

‡First 30 hours, per kw-hr.

‡‡Next 70 hours, per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|--------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Cayuga..... | 59.38 | 33 | 45 | 5 | 2 | 1.66 | 10 |
| Chatham..... | 28.70 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Chatsworth..... | 37.59 | 33 | 45 | 6 | 2 | 1.67 | 10 |
| Chesley..... | 36.55 | 33 | 55 | 3.5 | 2 | 1.11 | 10 |
| Chesterville..... | 38.82 | 33 | 50 | 3 | 1.5 | 0.83 | 10 |
| Chippawa..... | 25.21 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Clifford..... | 54.20 | 33 | 50 | 4 | 2 | 1.66 | 10 |
| Clinton..... | 37.93 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Coldwater..... | 33.77 | 33 | 55 | 2.5 | 1.25 | 1.11 | 10 |
| Collingwood..... | 36.82 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Comber..... | 50.47 | 33 | 50 | 4 | 2 | 1.38 | 10 |
| Cookstown..... | 47.68 | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Cottam..... | 42.10 | 33 | 45 | 5 | 2 | 1.66 | 10 |
| Courtright..... | 73.47 | 33 | 50 | 6 | 2 | 2.22 | 10 |
| Creemore..... | 50.39 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Dashwood..... | 46.74 | 33 | 40 | 6 | 2 | 1.38 | 10 |
| Delaware..... | 35.15 | 33 | 45 | 5 | 2 | 1.38 | 10 |
| Dorchester..... | 34.11 | 33 | 55 | 3.5 | 1.75 | 0.83 | 10 |
| Drayton..... | 60.06 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Dresden..... | 44.98 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Drumbo..... | 41.01 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Dublin..... | 47.99 | 33 | 45 | 5 | 2 | 1.66 | 10 |
| Dundalk..... | 32.85 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Dundas..... | 24.17 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Dunnville..... | 34.37 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Durham..... | 28.76 | 33 | 50 | 3 | 2 | 0.83 | 10 |
| Dutton..... | 35.15 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Elmira..... | 29.57 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Elmvale..... | 32.17 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Elmwood..... | 44.87 | 33 | 60 | 6 | 2 | 1.39 | 10 |
| Elora..... | 32.12 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Embro..... | 48.93 | 33 | 50 | 4 | 2 | 1.67 | 10 |
| Erieau..... | 55.45 | 33 | 40 | 6 | 2 | 2.22 | 10 |
| Erie Beach..... | 67.01 | 33 | 50 | 7 | 2 | 2.22 | 10 |
| Essex..... | 32.76 | 33 | 55 | 3.5 | 1.75 | 0.83 | 10 |
| Etobicoke twp..... | 27.38 | 33 | 60 | 2.6 | 1.3 | 0.83 | 10 |
| Exeter..... | 35.23 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Fergus..... | 32.48 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Finch..... | 78.17 | 33 | 60 | 8 | 2 | 2.22 | 10 |
| Flesherton..... | 38.28 | 33 | 50 | 4 | 2 | 1.67 | 10 |

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 5 | 2 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 2 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.38 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | min. 3.33 | ..... | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.66 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | min. 2.22 | ..... | 10 |
| 5 | 6 | 2 | 2.22 | 10 | 76.00 | 1.00 | 9.6 | 6.4 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.38 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | min. 2.77 | ..... | 10 |
| 5 | 5 | 2 | 1.38 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 44.00 | 1.00 | 4.8 | 3.2 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 2 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 26.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.39 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.67 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | min. 2.22 | ..... | 10 |
| 5 | 6 | 2 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | ..... | 10 |
| 5 | 7 | 2 | 2.22 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2.6 | 1.3 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 3.05 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for for the Year 1928, in Ontario Municipalities

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Fonthill..... | 35.09 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Ford City..... | 31.05 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Forest..... | 46.75 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Forest Hill..... | | 33 | 60 | 2.6 | 1.3 | 0.83 | 10 |
| | | a | | 3 | | 0.55 | 10 |
| Fort William..... | 22.40 | b | | 3 | 1.5 | 1.11 | 10 |
| Galt..... | 25.89 | 33 | 60 | 2.5 | 1.35 | 0.83 | 10 |
| Gamebridge..... | | 33 | 40 | 6 | 2 | 1.67 | 10 |
| Georgetown..... | 33.65 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Glencoe..... | 57.66 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Glen Williams..... | | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Goderich..... | 43.69 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Grand Valley..... | 52.14 | 33 | 45 | 5 | 2 | 1.39 | 10 |
| Granton..... | 44.03 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Gravenhurst..... | 22.29 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Guelph..... | 25.05 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Hagersville..... | 29.13 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Hamilton..... | 23.36 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Hanover..... | 32.16 | 33 | 50 | 3.5 | 1.5 | 0.83 | 10 |
| Harriston..... | 39.50 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Harrow..... | 35.84 | 33 | 50 | 4 | 2 | 0.83 | 10 |
| Havelock..... | 43.09 | 33 | 50 | 5.5 | 2 | 0.83 | 10 |
| Hensall..... | 44.62 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Hespeler..... | 27.14 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Highgate..... | 43.67 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Holstein..... | 108.86 | 33 | 60 | 9 | 5 | 1.67 | 10 |
| Hornings Mills..... | | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Humberstone..... | 28.59 | 33 | 55 | 3.5 | 1.75 | 0.83 | 10 |
| Huntsville..... | 24.38 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Ingersoll..... | 25.83 | 33 | 60 | 2 | 1.2 | 0.83 | 10 |
| Jarvis..... | 36.89 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Kemptville..... | 48.66 | 33 | 45 | 5 | 2 | 1.11 | 10 |
| Kincardine..... | 57.13 | 33 | 40 | 6 | 2 | 1.67 | 10 |
| Kingston..... | 24.00-36.00 | *3 | | **3 | 1.5 | 0.83 | 10 |
| Kingsville..... | 36.78 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Kirkfield..... | 54.50 | 33 | 40 | 6 | 2 | 2.22 | 10 |
| Kitchener..... | 25.37 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| Lakefield..... | 43.09 | 33 | 50 | 5 | 2 | 1.11 | 10 |
| Lambeth..... | 37.61 | 33 | 50 | 4 | 2 | 1.38 | 10 |
| Lanark..... | 63.53 | 33 | 40 | 6 | 2 | 1.38 | 10 |
| Lancaster..... | 109.07 | 33 | 60 | 8 | 2 | 1.94 | 10 |

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hr. per 100 sq. ft.

a General lighting.

b Lighting and cooking—Rate schedule based on floor area of house.

"E"—Continued

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 3 | 1.5 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.6 | 1.3 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.4 | 0.5 | max. 2.78 | ..... | 10 |
| ..... | 3 | 3 | 0.55 | c | 19.75 | 1.00 | 1.75 | 1 | 0.1 | ..... | ..... | 10 |
| 5 | 2.5 | 1.35 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 54.00 | 1.00 | 6.3 | 4.2 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 39.00 | 1.00 | 4.1 | 2.7 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.39 | 10 | 56.00 | 1.00 | 6.6 | 4.4 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ..... | 25 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| ..... | ±3.5 | 0.35 | 0.83 | 10 | 20.00 | 1.00 | 1.67 | 1.11 | 0.133 | ..... | 10 | 10 |
| 5 | ±1.75 | | | | | | | | | | | |
| 5 | 3.5 | 1.5 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 0.83 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | min. 2.22 | ..... | 10 |
| 5 | 5.5 | 2 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | min. 2.22 | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 9 | 5 | 1.67 | 10 | 74.00 | 1.00 | 9.3 | 6.2 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1.2 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.38 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | ..... | ..... | 10 |
| ..... | ±6 | 1 | 0.83 | 10 | 21.00 | 1.00 | 1.83 | 1.233 | 0.156 | ..... | 10 | 10 |
| 5 | ±3 | | | | | | | | | | | |
| 5 | 3 | 1.5 | 0.83 | 10 | 39.00 | 1.00 | 4.1 | 2.7 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 2.22 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1.25 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ..... | 25 | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.38 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.94 | 10 | 64.00 | 1.00 | 7.8 | 5.2 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 2.78 | 10 | 69.00 | 1.00 | 8.6 | 5.7 | 0.33 | ..... | ..... | 10 |

†First 30 hours, per kw-hr.

‡Next 70 hours, per kw-hr.

c Graded discounts.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|----------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| LaSalle..... | 34.07 | 33 | 45 | 5 | 2 | 1.11 | 10 |
| Leamington..... | 33.41 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Lindsay..... | 38.82 | 33 | 60 | 5 | 2 | 0.83 | 10 |
| Listowel..... | 34.28 | 33 | 60 | 2.50 | 1.25 | 1.11 | 10 |
| London..... | 24.57 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| London twp..... | 34.21 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Lucan..... | 33.66 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Lucknow..... | 62.07 | 33 | 45 | 5 | 2 | 1.67 | 10 |
| Lynden..... | 38.76 | 33 | 55 | 3 | 1.50 | 1.38 | 10 |
| Markdale..... | 31.65 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Markham..... | 44.35 | 33 | 50 | 4.5 | 2 | 1.11 | 10 |
| Marmora..... | 50.04 | 33 | 60 | 5 | 2 | 1.11 | 10 |
| Martintown..... | 53.94 | 33 | 60 | 7 | 2 | 1.66 | 10 |
| Maxville..... | 89.15 | 33 | 60 | 8 | 2 | 1.66 | 10 |
| Meaford..... | 36.45 | 33 | 55 | 3 | 2 | 1.11 | 10 |
| Merlin..... | 52.02 | 33 | 50 | 4.5 | 2 | 1.11 | 10 |
| Merritton..... | 21.62 | 33 | 60 | 2 | 1 | 0.55 | 10 |
| Midland..... | 23.82 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Milton..... | 32.93 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Milverton..... | 31.68 | 33 | 60 | 2.5 | 1.5 | 1.11 | 10 |
| Mimico..... | 24.98 | 33 | 60 | 2.4 | 1.2 | 0.83 | 10 |
| Mitchell..... | 32.51 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Moorefield..... | 58.78 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Mount Brydges..... | 42.02 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Mount Forest..... | 37.40 | 33 | 55 | 3 | 2 | 1.11 | 10 |
| Neustadt..... | 50.39 | 33 | 60 | 8 | 2 | 1.67 | 10 |
| Newbury..... | 51.58 | 33 | 45 | 5 | 2 | 1.11 | 10 |
| New Hamburg..... | 31.14 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| New Toronto..... | 26.72 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| Niagara Falls..... | 18.94 | *3 | ..... | **2 | 1 | 0.83 | 10 |
| Niagara-on-the-Lake. | 26.69 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Nipigon twp..... | 27.51 | 33 | 40 | 6 | 2 | 1.67 | 10 |
| Norwich..... | 30.51 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Norwood..... | 36.03 | 33 | 50 | 5 | 2 | 1.11 | 10 |
| Oil Springs..... | 42.68 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Omeme..... | 39.39 | 33 | 60 | 4 | 2 | 1.11 | 10 |
| Orangeville..... | 39.48 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Ottawa..... | 11.12 | 3* | ..... | 2** | {1*** 0.5 | 0.55 | 10 |
| Otterville..... | 37.59 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Owen Sound..... | 26.87 | 33 | 60 | 2 | 1 | 0.83 | 10 |

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hr. per 100 sq. ft.

*** " " " next 3 " " " "

"E"—Continued

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 5 | 2 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1.25 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.67 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.38 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 2 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 7 | 2 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 2.22 | 10 | 65.00 | 1.00 | 8 | 5.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 4.5 | 2 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.55 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ..... | 25 | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.5 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 1.2 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1.25 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| ..... | †4 | 0.4 | 0.83 | 10 | 21.00 | 1.00 | 1.83 | 1.233 | 0.156 | ..... | 10 | 10 |
| ..... | †2 | | | | | | | | | | | |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | 2.00 | ..... | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 40.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| ..... | †5 | 0.5 | 0.55 | 10 | 20.00 | 1.00 | 1.8 | 1.2 | 0.15 | ..... | 15 | 10 |
| ..... | †2.5 | | | | | | | | | | | |
| 5 | 3 | 1.5 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |

†First 30 hours, per kw-hr.

††Next 70 hours, per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|----------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Paisley..... | 51.53 | 33 | 45 | 5 | 2 | 1.67 | 10 |
| Palmerston..... | 35.91 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Paris..... | 25.88 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| Parkhill..... | 54.49 | 33 | 50 | 4.5 | 2 | 1.38 | 10 |
| Penetang..... | 31.63 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Perth..... | 45.29 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Peterboro..... | 28.28 | 33 | 50 | 3 | 1.5 | 0.83 | 10 |
| Petrolia..... | 39.79 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Picton..... | 46.02 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Plattsville..... | 58.07 | 33 | 45 | 5 | 2.0 | 1.66 | 10 |
| Point Edward..... | 38.02 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Port Arthur..... | 22.17 | 3* | ..... | 2** | 1 | 0.83 | 10 |
| Port Colborne..... | 27.79 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Port Credit..... | 31.77 | 33 | 60 | 2.4 | 1.2 | 0.83 | 10 |
| Port Dalhousie..... | 27.01 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Port Dover..... | 39.48 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Port McNichol..... | 27.74 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Port Perry..... | 48.88 | 33 | 45 | 5 | 2 | 1.11 | 10 |
| Port Rowan..... | 90.33 | 33 | 60 | 6 | 2 | 1.66 | 10 |
| Port Stanley..... | 37.40 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Prescott..... | 27.39 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Preston..... | 25.55 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Priceville..... | 81.33 | 33 | 60 | 8 | 2 | 1.67 | 10 |
| Princeton..... | 50.54 | 33 | 45 | 5 | 2.5 | 1.66 | 10 |
| Queenston..... | 27.72 | 33 | 65 | 3 | 1.5 | 1.38 | 10 |
| Richmond..... | 51.03 | 33 | 30 | 8 | 2 | 2.22 to 3.33 | 10 |
| Richmond Hill..... | 34.02 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Ridgetown..... | 37.64 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Ripley..... | 75.69 | 33 | 60 | 7.5 | 2 | 2.22 | 10 |
| Riverside..... | 31.09 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Rockwood..... | 39.12 | 33 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Rodney..... | 42.06 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Russell..... | 71.63 | 33 | 60 | 7 | 2 | 1.66 | 10 |
| St. Catharines..... | 21.22 | 33 | 30 & 60 | 2 | 1 | 0.83 | 10 |
| St. Clair Beach..... | 35.16 | 33 | 50 | 4 | 2 | 1.66 | 10 |
| St. George..... | 37.91 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| St. Jacobs..... | 31.50 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| St. Marys..... | 32.80 | 33 | 60 | 2.5 | 1.5 | 1.11 | 10 |
| St. Thomas..... | 26.27 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Sandwich..... | 28.91 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |

"E"—Continued

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 5 | 2 | 1.67 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1.25 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ..... | 25 | 10 |
| 5 | 4.5 | 2 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 36.00 | 1.00 | 3.6 | 2.4 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2.0 | 1.66 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | 2.00 | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 19.75 | 1.00 | 1.75 | 1 | 0.10 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | ..... | 10 |
| 5 | 2.4 | 1.2 | 0.83 | 10 | 26.00 | 1.00 | 2.5 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | ..... | 10 |
| 5 | 6 | 2 | 1.66 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 41.00 | 1.00 | 4.4 | 2.9 | 0.33 | min. 1.11 | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | ..... | 10 |
| 5 | 5 | 2.5 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.38 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 2.77 | 10 | 96.00 | 1.00 | 10.9 | 7.3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | ..... | 10 |
| 5 | 8 | 2 | 2.22 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ..... | ..... | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 2.5 | 1.25 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ..... | ..... | 10 |
| 5 | 7 | 2 | 2.22 | 10 | 56.00 | 1.00 | 6.6 | 4.4 | 0.33 | ..... | ..... | 10 |
| ..... | †3.5 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.15 | 0.16 | ..... | 25 | 10 |
| 5 | ††1.75 | 2 | 1.66 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ..... | ..... | 10 |
| 5 | 4 | 2 | 1.66 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | ..... | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.5 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | ..... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ..... | ..... | 10 |

†First 50 hours, per kw-hr.

††Next 50 hours, per kw-hr.

¶Next 260 hours, per kw-hr.

STATEMENT

**Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities**

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|----------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Sarnia..... | 33.27 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Scarboro twp..... | 33.74 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Seaforth..... | 35.38 | 33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Shelburne..... | 35.63 | 33 | 50 | 3.5 | 1.75 | 1.11 | 10 |
| Simcoe..... | 28.80 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Smiths Falls..... | 41.60 | 33 | 50 | 4.5 | 2 | 1.11 | 10 |
| Springfield..... | 43.39 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Stamford twp..... | 20.10 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Stayner..... | 38.20 | 33 | 55 | 2.5 | 1.25 | 0.83 | 10 |
| Stouffville..... | 45.76 | 33 | 50 | 4.5 | 2 | 1.11 | 10 |
| Stratford..... | 27.46 | 33 | 60 | 2.25 | 1.25 | 0.83 | 10 |
| Strathroy..... | 30.67 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Sunderland..... | 52.89 | 33 | 40 | 6 | 2 | 1.39 | 10 |
| Sutton..... | 52.71 | 33 | 40 | 6 | 2 | 1.11 | 10 |
| Tara..... | 82.79 | 33 | 60 | 7 | 2 | 1.67 | 10 |
| Tavistock..... | 32.77 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Tecumseh..... | 33.53 | 33 | 50 | 4 | 2 | 1.38 | 10 |
| Teeswater..... | 50.08 | 33 | 60 | 6 | 3 | 1.67 | 10 |
| Thamesford..... | 36.19 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Thamesville..... | 39.93 | 33 | 55 | 3 | 1.5 | 0.83 | 10 |
| Thedford..... | 66.44 | 33 | 50 | 5 | 2 | 1.38 | 10 |
| Thorndale..... | 57.00 | 33 | 45 | 5 | 2 | 1.38 | 10 |
| Thornton..... | 63.91 | 33 | 60 | 8 | 2 | 1.67 | 10 |
| Thorold..... | 23.00 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Tilbury..... | 38.53 | 33 | 55 | 3 | 1.25 | 0.83 | 10 |
| Tillsonburg..... | 30.11 | 33 | 60 | 2 | 1.2 | 0.83 | 10 |
| Toronto..... | 24.94 | *3 | ..... | **2 | 1 | 0.83 | 10 |
| Toronto twp..... | 30.55 | 33 | 55 | 3.5 | 1.75 | 1.11 | 10 |
| Tottenham..... | 79.21 | 33 | 30 | 8 | 2 | 1.67 | 10 |
| Trafalgar twp..... | ..... | 55 | 60 | 3.5 | 2 | 1.11 | 10 |
| Uxbridge..... | 50.90 | 33 | 50 | 4 | 2 | 1.11 | 10 |
| Victoria Harbor..... | 34.41 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Walkerville..... | 26.88 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Wallaceburg..... | 33.37 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Wardsville..... | 60.72 | 33 | 40 | 6 | 2 | 1.66 | 10 |
| Warkworth..... | 45.91 | 33 | 50 | 5 | 2 | 1.55 | 10 |
| Waterdown..... | 29.61 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Waterford..... | 30.39 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Waterloo..... | 25.69 | 33 | 60 | 2 | 1.25 | 0.83 | 10 |
| Watford..... | 52.45 | 33 | 50 | 4 | 2 | 1.11 | 10 |

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hr. per 100 sq. ft.

†First 50 hours, per kw-hr.

††Next 50 hours, per kw-hr.

‡First 30 hours, per kw-hr.

‡‡Next 70 hours, per kw-hr.

R First 70 hours, per kw-hr., 4 cents;
next 70 hours, per kw-hr., 2 cents.

“E”—Continued

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.5 | 1.5 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 4.5 | 2 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 49.00 | 1.00 | 5.6 | 3.7 | 0.33 | min. 2.22 | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | | | 10 |
| 5 | 4.5 | 2 | 1.11 | 10 | 50.00 | 1.00 | 4.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2.25 | 1.25 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 6 | 2 | 1.39 | 10 | 52.00 | 1.00 | 6 | 4 | 0.33 | | | 10 |
| 5 | 6 | 2 | 1.11 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | | | 10 |
| ..... | †14 | 1.4 | 1.67 | 10 | 58.00 | 1.00 | 6.8 | 4.6 | 0.5 | | | 10 |
| | ††7 | | | | | | | | | | | |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 4 | 2 | 1.38 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 6 | 3 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 43.00 | 1.00 | 3.4 | 2.2 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.38 | 10 | 59.00 | 1.00 | 7.1 | 4.7 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min. 3.33 | | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 25 | 10 |
| 5 | 3 | 1.25 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2 | 1.2 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| ..... | R4 & 2 | | | | | A.C. ¶ | 1.5 | 0.75 | 0.40 | | | 10 |
| ..... | 2 | 1 | 0.83 | 10 | | D.C. § | 2.5 | 1.25 | 0.60 | | | 10 |
| 5 | 3.5 | 1.75 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 8 | 2 | 1.67 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| ..... | †8 | | | | | | | | | | | |
| ..... | ††4 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.5 | 2.3 | 1.0 | | | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 3 | 1.5 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 6 | 2 | 1.66 | 10 | 64.00 | 1.00 | 7.8 | 5.2 | 0.33 | | | 10 |
| 5 | 5 | 2 | 1.55 | 10 | 65.00 | 1.00 | 7.9 | 5.3 | 0.33 | | | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.0 | 0.33 | | 25 | 10 |
| 5 | 4 | 2 | 1.11 | 10 | 47.00 | 1.00 | 5.2 | 3.5 | 0.33 | | | 10 |

//Next 260 hours, per kw-hr.

¶A.C. service charge, \$1.25 per h.p. for first 10 h.p., plus \$1.00 per h.p. for additional h.p.

§D.C. service charge, \$1.35 per h.p. for first 10 h.p., plus \$1.00 per h.p. for additional h.p.

STATEMENT

Cost of Power to Municipalities and Rates to Consumers for
for the Year 1928, in Ontario Municipalities

| Municipality | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|-------------------|--|--------------------------|----------------------------|----------------------|---------------------------|----------------------------|-------------------------|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hr. per month | Per kw-hr. per month | | | |
| | \$ c. | cents | | cents | cents | \$ c. | % |
| Waubashene..... | 34.19 | 33 | 55 | 3 | 1.5 | 1.11 | 10 |
| Welland..... | 22.33 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Wellesley..... | 42.21 | 33 | 50 | 3.5 | 1.5 | 1.38 | 10 |
| Wellington..... | 44.74 | 33 | 50 | 3.5 | 1.75 | 0.83 | 10 |
| West Lorne..... | 36.37 | 33 | 55 | 3 | 2 | 1.11 | 10 |
| Weston..... | 25.49 | 33 | 60 | 2 | 1 | 0.83 | 10 |
| Wheatley..... | 42.11 | 33 | 50 | 4 | 2 | 1.39 | 10 |
| Whitby..... | 35.01 | 37 | 60 | 3 | 1.25 | 0.94 | 20 |
| Williamsburg..... | 50.46 | 33 | 60 | 3 | 2 | 1.39 | 10 |
| Winchester..... | 45.22 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Windsor..... | 26.68 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Wingham..... | 60.32 | 33 | 40 | 5 | 2 | 1.11 | 10 |
| Woodbridge..... | 33.35 | 33 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Woodstock..... | 24.56 | 33 | 60 | 2 | 1.2 | 0.83 | 10 |
| Woodville..... | 49.60 | 33 | 50 | 4 | 2 | 1.39 | 10 |
| Wyoming..... | 51.69 | 33 | 50 | 4.5 | 2.25 | 1.11 | 10 |
| York twp..... | 33.85 | 33 | 60 | 2.6 | 1.3 | 0.83 | 10 |
| York E. twp..... | 29.58 | 33 | 55 | 3.6 | 1.8 | 1.11 | 10 |
| York N. twp..... | 57.29 | 33 | 50 | 4 | 2 | 1.38 | 10 |
| Zurich..... | | | | | | | |

“E”—Concluded

Domestic Service—Commercial Light Service—Power Service
Served by the Hydro-Electric Power Commission

| Commercial light service | | | | | Power service | | | | | | | |
|--|-------------------------------------|---------------------------|----------------------------|-------------------------|---|-----------------------------------|-----------------------------------|------------------------------------|---------------------------|---------------------------------------|----------------|-------------------------|
| Service charge per 100 watts min. 50 cents | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | \$ c. | % | \$ c. | \$ c. | cents | cents | cents | \$ c. | % | % |
| 5 | 3 | 1.5 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 1.5 | 1.38 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ..... | 10 | 10 |
| 5 | 3.5 | 1.75 | 0.83 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 2 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.39 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | min. 2.22 | ..... | 10 |
| 5.6 | 3 | 1.25 | 0.94 | 20 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ..... | 10 | 10 |
| 5 | 3 | 2 | 1.39 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min. 2.22 | ..... | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ..... | 10 | 10 |
| 5 | 5 | 2 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ..... | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ..... | 10 | 10 |
| 5 | 2 | 1.2 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ..... | 25 | 10 |
| 5 | 4 | 2 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ..... | 10 | 10 |
| 5 | 4.5 | 2.25 | 1.11 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | ..... | 10 | 10 |
| 5 | 2.6 | 1.3 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.4 | 0.5 | max. 2.78 | ..... | 10 |
| 5 | 2.6 | 1.3 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ..... | 10 | 10 |
| 5 | 3.6 | 1.8 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ..... | 10 | 10 |
| 5 | 4 | 2 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min. 2.77 | ..... | 10 |

APPENDIX II

ACTS

CHAPTER 19

An Act to amend The Power Commission Act.

Assented to 3rd April, 1928.

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:—

1. This Act may be cited as *The Power Commission Act, 1928.* Short title.

2. Subsection 1 of section 14 of *The Power Commission Act* is amended by striking out clause (b) and substituting therefor the following: Rev. Stat.,
c. 57, s. 14,
subs 1,
amended.

(b) to such further extent as may be necessary to repay any advances hereafter made by the Province to the Commission in annual sums which with interest thereon at the rate of four per centum per annum will be sufficient to meet such advance within a period of forty years which period shall commence one year from the end of the fiscal year in which such advance is made or in case postponement is authorized under section 15 then within forty years from the end of the fiscal year in which such postponement terminates. Application
of receipts in
sinking fund
account.

3. Section 56 of *The Power Commission Act* is repealed and the following substituted therefor. Rev. Stat.,
c. 57, s. 56,
repealed.

56. Notwithstanding anything in any general or special Act heretofore passed or in any contract heretofore entered into, and except where under the terms of any such contract power or energy is to be supplied to a municipal corporation at a fixed price, the price payable for power or energy by any municipal corporation shall be the cost to the Commission, as determined by it, of supplying and delivering power or energy to the corporation, including the corporation's proportion, as adjusted by the Commission, of,— Cost of
power to
municipi-
pality.

- (a) the cost of operating, maintaining, renewing and insuring the works and the cost of administration of the Commission;
- (b) interest at the rate or rates payable by the Commission upon the money expended by, or the obligations assumed by, the Commission in the construction or purchase of works, and upon all such other expenditures as the Commission may make under the provisions of this Act and upon working capital;
- (c) an annual sum sufficient to form in forty years with interest at four per centum per annum, a sinking fund for the repayment of the advances made by the Province of Ontario under this Act for the payment of the cost of the works and also for the repayment of any other indebtedness incurred or assumed by the Commission in respect of the cost of the works.

Rev. Stat.,
c. 57, s. 63,
subs. 5,
repealed.

4. Subsection 5 of section 63 of *The Power Commission Act* is repealed.

Rev. Stat.,
c. 57, s. 73,
amended.

5. Section 73 of *The Power Commission Act* is amended by adding thereto the following subsection:

Street
lighting in
areas in
rural power
districts.

- (6) The council of the corporation may by by-law provide that such part of the said costs as to the council may seem proper shall be paid by the corporation and be chargeable to the municipality as a whole and while the said by-law remains in force only the moneys required to meet the balance of the said costs shall be raised in the manner prescribed in subsection 5 of this section, and the assent of the electors shall not be required to any such by-law.

By-laws
confirmed.

6. By-laws numbers 1805 and 1806 of the corporation of the town of Lindsay; By-law number 605 of the corporation of the town of Milton; By-laws numbers 19 of 1921 and 54 of 1927 of the corporation of the village of Finch; By-laws numbers 299 and 302 of the corporation of the village of Richmond; By-law number 570 of the corporation of the township of Amaranth; By-law number 14 of the corporation of the township of Arran; By-law number 551 of the corporation of the township of Binbrook; By-law number 321 of the corporation of the township of Camden; By-law number 481 of the corporation of the township of Caistor; By-law number 897 of the corporation of the township of Clarke; By-law number 9 of the corporation of the township of Colborne; By-law number 9 of 1927 of the corporation of the township of Dawn; By-law number 8 of 1927 of the corporation of the township of Derby;

By-law number 972 of the corporation of the township of Douro; By-law number 290 of the corporation of the township of East Garafraxa; By-law number 996 of the corporation of the township of East Whitby; By-law number 593 of the corporation of the township of Euphemia; By-law number 9 of 1927 of the corporation of the township of Finch; By-law number 245 of the corporation of the township of Fullarton; By-law number 22 of the corporation of the township of Gloucester; By-law number 1185 of the corporation of the township of Hamilton; By-law number 20 of the corporation of the township of Holland; By-law number 942 of the corporation of the township of Hope; By-law number 6 of 1927 of the corporation of the township of Hullett; By-law number 764 of the corporation of the township of Louth; By-law number 1093 of the corporation of the township of Maidstone; By-law number 325 of the corporation of the township of March; By-law number 903 of the corporation of the township of Markham; By-law number 242 of the corporation of the township of Matchedash; By-law number 545 of the corporation of the township of Monck; By-law number 10 of 1927 of the corporation of the township of Moulton; By-law number 439 of the corporation of the township of North York; By-law number 345 of the corporation of the township of Onondaga; By-law number 1288 of the corporation of the township of Pickering; By-law number 454 of the corporation of the township of Richmond; By-laws numbers 901 and 902 of the corporation of the township of Rochester; By-law number 117 of 1926 of the corporation of the township of Stamford; By-law number 874 of the corporation of the township of Sidney; By-law number 9 of the corporation of the township of Stanley; By-law number 461 of the corporation of the township of Tilbury West; By-law number 1192 of the corporation of the township of Vaughan; By-law number 3 of 1927 of the corporation of the township of East Wawanosh; By-law number 6 of the corporation of the township of West Wawanosh; By-law number 1143 of the corporation of the township of Whitby; By-law number 114 of the corporation of the township of West Ferris; By-law number 616 of the corporation of the township of West Williams; By-law number 445 of the corporation of the united townships of Medora and Wood, and all debentures issued or to be issued or purporting to be issued under any of the said by-laws which authorize the issue of debentures, are confirmed and declared to be legal, valid and binding upon such corporations and the ratepayers thereof respectively and shall not be open to question upon any ground whatsoever notwithstanding the requirements of *The Power Commission Act* or the amendments thereto or any other general or special Act of this Legislature.

7. This Act shall come into force on the day upon which it receives the Royal Assent.

Commence-
ment of
Act.

APPENDIX II

TRANSMISSION LINE RECORDS

Corrected to October 31, 1928

including

Summaries of data respecting mileage of transmission lines built or acquired by the Hydro-Electric Power Commission. The sizes, materials, lengths and weights of conductors, and other particulars of the high voltage steel-tower transmission lines, the wood-pole transmission lines—excepting lines 4,000 volts or less—and the telephone lines.

TRANSMISSION LINE RECORDS—ALL SYSTEMS

The total mileage of lines built and acquired by the Commission up to October 31, 1928, for the various systems, excepting all lines operating at less than 4,000 volts, is indicated in the following table:

TOTAL MILEAGE OF TRANSMISSION LINES

| System | Miles |
|---|----------|
| Niagara system—Eastern, 220,000-volt, steel-supported transmission lines..... | 203.22 |
| Niagara system—110,000-volt, steel-supported transmission lines..... | 595.69 |
| Niagara system—110,000-volt, wood-supported transmission lines..... | 66.98 |
| Thunder Bay system—110,000-volt, steel-supported transmission lines..... | 78.69 |
| Thunder Bay system—110,000-volt, wood-supported transmission lines..... | 92.10 |
| Thunder Bay system—12,000-volt, wood-supported transmission lines..... | 1.45 |
| Niagara system—90,000-volt, steel supported transmission lines..... | 78.50 |
| Niagara system—60,000-volt, steel-supported transmission lines..... | 54.07 |
| Niagara system—60,000-volt, wood-supported transmission lines..... | 16.79 |
| Niagara system—46,000-volt, steel-supported transmission lines..... | 50.52 |
| Niagara system—30,000-volt, wood-supported transmission lines..... | 18.99 |
| Niagara system—26,400-volt, wood-supported transmission lines..... | 508.22 |
| Niagara system—13,200-volt, wood-supported transmission lines..... | 419.47 |
| Niagara system—12,000-volt, wood-supported transmission lines..... | 178.03 |
| Georgian Bay system— | |
| Severn division—(22,000-volt)..... | 166.88 |
| Eugenia division—(22,000-volt)..... | 256.41 |
| Wasdells division—(22,000-volt)..... | 71.45 |
| Muskoka division—(38,000-volt and less)..... | 58.95 |
| St. Lawrence system—(44,000-volt and less)..... | 119.92 |
| Rideau system—(26,400-volt)..... | 76.65 |
| Central Ontario and Trent system—(44,000-volt and less)..... | 508.29 |
| Nipissing system—(22,000-volt)..... | 22.75 |
| Total..... | 3,644.02 |
| Total wood-pole telephone lines for high-voltage systems..... | 768.19 |

NOTE—Of the above the Niagara system is operated at 25 cycles. The other systems are operated at 60 cycles.

TRANSMISSION LINE RECORDS—ALL SYSTEMS

TOTAL MILEAGES AND WEIGHTS OF CONDUCTORS

| Type of construction | Wire miles of conductor | | | Weight in pounds | | |
|---|----------------------------|---|----------------------------------|----------------------------|---|----------------------------------|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927, to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927, to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| High voltage lines, 220,000 volts, Niagara system, Eastern..... | | 609.66 | | | 3,296,432 | |
| High-voltage lines, 110,000 volts and less, Niagara system..... | 4,331.40 | 18.42 | | 13,227,180 | 75,853 | |
| High-voltage lines, 110,000 volts and less, Thunder Bay system.. | 544.20 | | | 1,390,339 | | |
| High-voltage lines, 110,000 volts, Eastern Ontario..... | | | 357.12 | | | 1,072,511 |
| Wood-pole lines built and acquired by the Commission including telephone lines..... | 13,205.18 | 273.79 | 77.18 | 10,555,880 | 695,937 | 81,346 |
| High-voltage telephone lines, Niagara system. | 3,362.35 | | | 944,044 | | |
| High-voltage telephone lines, Thunder Bay system..... | 201.10 | | | 71,770 | | |
| Totals..... | 21,689.23 | 901.87 | 434.30 | 26,189,213 | 4,068,222 | 1,153,857 |

NOTE.—This table does not include lines operated at less than 4,000 volts.

NIAGARA SYSTEM (Eastern)

TOTAL MILEAGE OF HIGH-VOLTAGE LINES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|---|----------------------------------|---|------------------------------|
| 220,000-volt, steel-supported transmission lines..... | | 203.22 | 203.22 |

SIZE, MATERIAL, LENGTH AND

| Size and material | Miles of conductor | | | Weight in pounds | | |
|-----------------------------|-------------------------------|---|--|-------------------------------|---|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| 795,000 c.m., a.c.s-r. | | 609.66 | | | 3,296,432 | |

EASTERN ONTARIO

TOTAL MILEAGE OF HIGH-VOLTAGE LINES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
|---|----------------------------------|---|--|
| 110,000-volt, steel-supported transmission lines..... | | | 55.25 |
| 110,000-volt, wood-supported transmission lines..... | | | 61.54 |
| Totals..... | | | 116.79 |

SIZE, MATERIAL, LENGTH AND

| Size and material | Miles of conductors | | | Weight in pounds | | |
|--------------------------------|-------------------------------|---|--|-------------------------------|---|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| 477,000 c.m., a.c.s-r. | | | 284.13 | | | 958,939 |
| 4/0 a.c.s-r (211,600 c.m.).... | | | 72.99 | | | 113,572 |
| Totals..... | | | 357.12 | | | 1,072,511 |

Note.—a.c.s-r—Aluminum conductor, steel-reinforced; weights include steel.

HIGH-VOLTAGE TRANSMISSION LINES

TOTAL NUMBER OF STEEL TOWERS

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|---------------------------------|----------------------------------|---|------------------------------|
| 220,000-volt steel towers. | | 981 | 981 |

WEIGHT OF POWER CONDUCTOR

| Miles of single-circuit lines | | | Total miles |
|----------------------------------|---|--|----------------------------------|
| Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1928 |
| ..... | 203.22 | ..... | 203.22 |

HIGH-VOLTAGE TRANSMISSION LINES

TOTAL NUMBER OF STEEL TOWERS AND WOOD POLES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
|---------------------------------|----------------------------------|---|--|
| 110,000-volt steel towers. | | | 288 |
| 110,000-volt wood poles. | | | 844 |
| Totals. | | | 1,132 |

WEIGHT OF POWER CONDUCTORS

| Miles of single-circuit lines | | | Miles of double-circuit lines | | | Total miles single- and double-circuit line |
|-------------------------------|---|--|-------------------------------|---|--|---|
| Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Under construction to Oct. 31, 1928 |
| | | 90.21 | ..... | ..... | 2.25 | 92.46 |
| | | 24.33 | ..... | ..... | ..... | 24.33 |
| | | 114.54 | ..... | ..... | 2.25 | 116.79 |

NIAGARA SYSTEM—

TOTAL MILEAGE OF HIGH-VOLTAGE LINES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|---|----------------------------------|---|------------------------------|
| | miles | miles | miles |
| 110,000-volt, steel-supported transmission lines..... | 592.62 | 3.07 | 595.69 |
| 110,000-volt, wood-supported transmission lines..... | 66.98 | ..... | 66.98 |
| 90,000-volt, steel-supported transmission lines..... | 78.50 | ..... | 78.50 |
| 60,000-volt, steel supported transmission lines..... | 54.07 | ..... | 54.07 |
| 60,000-volt, wood-supported transmission lines..... | 12.60 | ..... | 12.60 |
| 30,000-volt and less, wood-supported transmission lines..... | 21.77 | ..... | 21.77 |
| Totals..... | 826.54 | 3.07 | 829.61 |

SIZE, MATERIAL, LENGTH AND

| Size and material | Miles of conductor | | | Weight in pounds | | |
|---------------------------------|-------------------------------|---|--|----------------------------------|---|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| 167,800 c.m., a.c.s-r..... | 198.00 | ..... | ..... | 242,946 | ..... | ..... |
| 266,800 c.m., a.c.s-r..... | 308.43 | ..... | ..... | 558,566 | ..... | ..... |
| 312,000 c.m., a.c.s-r..... | 598.62 | ..... | ..... | 1,547,432 | ..... | ..... |
| 336,400 c.m., a.c.s-r..... | 571.14 | ..... | ..... | 1,592,338 | ..... | ..... |
| 500,000 c.m., a.c.s-r..... | 246.30 | ..... | ..... | 1,010,322 | ..... | ..... |
| 605,000 c.m., a.c.s-r..... | 504.81 | 18.42 | ..... | 2,078,807 | 75,853 | ..... |
| 115,000 c.m., copper..... | 22.47 | ..... | ..... | 41,996 | ..... | ..... |
| 190,000 c.m., copper..... | 767.52 | ..... | ..... | 2,431,503 | ..... | ..... |
| 167,800 c.m., copper..... | 616.86 | ..... | ..... | 1,679,709 | ..... | ..... |
| 211,600 c.m., copper..... | 322.02 | ..... | ..... | 1,105,494 | ..... | ..... |
| 115,000 c.m., aluminum..... | 0.57 | ..... | ..... | 327 | ..... | ..... |
| 211,600 c.m., aluminum..... | 34.20 | ..... | ..... | 35,910 | ..... | ..... |
| 345,000 c.m., aluminum..... | 79.50 | ..... | ..... | 130,141 | ..... | ..... |
| 500,000 c.m., aluminum..... | 6.60 | ..... | ..... | 16,434 | ..... | ..... |
| 820,000 c.m., aluminum..... | 36.06 | ..... | ..... | 108,180 | ..... | ..... |
| 300,000 c.m., l-c.a.c. copper.. | 7.98 | ..... | ..... | 386,875 | ..... | ..... |
| 350,000 c.m., l-c.a.c. copper.. | 8.04 | ..... | ..... | 228,900 | ..... | ..... |
| 500,000 c.m., l-c.a.c. copper.. | 2.28 | ..... | ..... | 31,300 | ..... | ..... |
| Totals..... | 4,331.40 | 18.42 | ..... | 13,222,180 | 75,853 | ..... |

NOTE.—a.c.s-r=Aluminum conductors, steel-reinforced, weights include steel.

l-c.a.c.=Lead-covered armoured cable.

N. 56 x 53 and N. 59 x 69 on 60 Kv. transmission line towers only, conductor removed=31.85 miles.

HIGH-VOLTAGE TRANSMISSION LINES

TOTAL NUMBER OF STEEL TOWERS AND WOOD POLES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|---------------------------------------|----------------------------------|---|------------------------------|
| 110,000-volt steel towers..... | 5,365 | 37 | 5,402 |
| 110,000-volt wood poles..... | 822 | ..... | 822 |
| 90,000-volt steel towers..... | 902 | ..... | 902 |
| 60,000-volt steel towers..... | 769 | ..... | 769 |
| 60,000-volt wood poles..... | 421 | ..... | 421 |
| 30,000-volt and less, wood poles..... | 1,003 | ..... | 1,003 |
| Totals..... | 9,282 | 37 | 9,319 |

WEIGHT OF POWER CONDUCTORS

| Miles of single-circuit lines | | | | Miles of double-circuit lines | | | | Miles of four-circuit line and underground cable | | | | Total miles one, two and four circuit lines |
|----------------------------------|---|--|--|----------------------------------|---|--|--|---|---|--|--|---|
| Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1928 |
| 66.00 | | | | 32.25 | ..... | ..... |  | ..... | ..... | ..... |  | 66.00 |
| 38.31 | | | | 87.82 | ..... | ..... |  | ..... | ..... | ..... |  | 70.56 |
| 23.90 | | | | 95.19 | ..... | ..... |  | ..... | ..... | ..... |  | 111.72 |
| | | | | 40.74 | ..... | ..... |  | ..... | ..... | ..... |  | 95.19 |
| 0.62 | | | | 78.63 | 3.07 | ..... |  | 2.52 | ..... | ..... |  | 41.36 |
| 0.98 | | | | | | | | | | | | 85.20 |
| 7.49 | | | | 125.55 | ..... | ..... |  | ..... | ..... | ..... |  | 7.49 |
| 4.74 | | | | 102.81 | ..... | ..... |  | ..... | ..... | ..... |  | 130.29 |
| | | | | 53.67 | ..... | ..... |  | ..... | ..... | ..... |  | 102.81 |
| | | | | | | | | | | | | 53.67 |
| 0.19 | | | | 5.70 | ..... | ..... |  | ..... | ..... | ..... |  | 0.19 |
| | | | | 13.25 | ..... | ..... |  | ..... | ..... | ..... |  | 5.70 |
| | | | | 1.10 | ..... | ..... |  | ..... | ..... | ..... |  | 13.25 |
| 12.02 | | | | | | | | | | | | 1.10 |
| | | | | | | | | 0.48 | ..... | ..... |  | 12.02 |
| | | | | | | | | 0.67 | ..... | ..... |  | 0.48 |
| | | | | | | | | 0.38 | ..... | ..... |  | 0.67 |
| | | | | | | | | | | | | 0.38 |
| 154.25 | | | | 636.71 | 3.07 | ..... |  | 4.05 | ..... | ..... |  | 798.08 |

THUNDER BAY SYSTEM—

MILEAGE OF HIGH-VOLTAGE LINES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|---|----------------------------------|---|------------------------------|
| | miles | miles | miles |
| 110,000-volt, steel-supported transmission lines..... | 78.69 | ..... | 78.69 |
| 110,000-volt, wood-supported transmission lines..... | 92.10 | ..... | 92.10 |
| 12,000-volt, wood-supported transmission lines..... | 1.45 | ..... | 1.45 |
| Totals..... | 172.24 | ..... | 172.24 |

SIZE, MATERIAL, LENGTH AND

| Size and material | Miles of conductors | | | | Weight in pounds | | | |
|--------------------------------|-------------------------------|---|--|--|-------------------------------|---|--|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | |
| 336,400 c.m., a.c.s-r..... | 31.05 | ..... | ..... |  | 86,566 | ..... | ..... |  |
| 4/0 a.c.s-r (211,600 c.m.).... | 233.67 | ..... | ..... |  | 363,590 | ..... | ..... |  |
| 4/0 copper (211,600 c.m.).... | 264.33 | ..... | ..... |  | 907,444 | ..... | ..... |  |
| 2/0 copper (133,079 c.m.).... | 15.15 | ..... | ..... |  | 32,739 | ..... | ..... |  |
| Totals..... | 544.20 | ..... | ..... |  | 1,390,339 | ..... | ..... |  |

NOTE.—a.c.s-r—Aluminum conductor, steel-reinforced; weights include steel.

HIGH-VOLTAGE TRANSMISSION LINES

TOTAL NUMBER OF STEEL TOWERS AND WOOD POLES

| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Total to Oct. 31, 1928 |
|--------------------------------|----------------------------------|---|------------------------------|
| 110,000-volt steel towers..... | 504 | ..... | 504 |
| 110,000-volt wood poles..... | 1,422 | ..... | 1,422 |
| 12,000-volt wood poles..... | 57 | ..... | 57 |
| Totals..... | 1,983 | ..... | 1,983 |

WEIGHT OF POWER CONDUCTORS

| Miles of single-circuit lines | | | Miles of double-circuit lines | | | Total miles single- and double-circuit line |
|-------------------------------|---|--|----------------------------------|---|--|---|
| Completed Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1928 |
| 10.35 | | | | | | 10.35 |
| 77.89 | | | | | | 77.89 |
| 69.79 | | | 9.16 | ..... | ..... | 78.95 |
| 5.05 | | | | | | 5.05 |
| 163.08 | | | 9.16 | ..... | ..... | 172.24 |

NIAGARA SYSTEM—WOOD-POLE TELEPHONE LINES

SIZE, MATERIAL, LENGTH AND

| Size and material | Miles of wire | | | Weight in pounds | | | Miles of single-circuit lines | | |
|---------------------------------|----------------------------|--|----------------------------------|----------------------------|--|----------------------------------|-------------------------------|--|----------------------------------|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| No. 9 B. & S. G. copper. | 1,132.61 | | | 236,715 | | | 107.13 | | |
| No. 10 B. & S. G. copper. | 838.62 | | | 139,210 | | | 257.93 | | |
| No. 11 B. & S. G. copper. | 139.86 | | | 22,097 | | | 69.93 | | |
| No. 8 weather-proof copper. | 15.00 | | | 5,235 | | | | | |
| No. 4 copper-clad steel.. | 12.00 | | | 7,440 | | | | | |
| No. 8 copper-clad steel.. | 75.68 | | | 18,541 | | | 32.36 | | |
| No. 17 copper-clad steel.. | 10.88 | | | 326 | | | 5.44 | | |
| No. 14 copper-clad steel.. | 7.68 | | | 468 | | | | | |
| No. 19 p-i-l-c. cable. | 819.20 | | | 112,082 | | | | | |
| No. 22 p-i-l-c. cable. | 34.00 | | | 296,208 | | | | | |
| No. 12 B.W.G. galv. iron | 11.40 | | | 1,881 | | | 5.70 | | |
| No. 6 a.c.s-r. | 129.44 | | | 24,852 | | | | | |
| 6 x .0661 steel, 1 x .0661 al.. | 132.00 | | | 77,748 | | | 66.00 | | |
| No. 12 weather-proof iron | 3.98 | | | 1,241 | | | 1.99 | | |
| Totals..... | 3,362.35 | | | 944,044 | | | 546.48 | | |

NOTE.—B. & S. G.—Browne & Sharpe gauge. B.W.G.—Birmingham wire gauge.
a.c.s-r—Aluminum cable steel-reinforced. p-i-l-c.cable—Paper-insulated, lead-covered cable.

FOR HIGH VOLTAGE TRANSMISSION LINES

WEIGHT OF CONDUCTORS

| Miles of double-circuit lines | | | | Miles of 4-circuit lines | | | | Miles of paper-insulated lead-cover copper | | | | Total mileage 1-, 2-, 4-, and miscellaneous circuits completed to Oct. 31, 1928 |
|-------------------------------|--|----------------------------------|-------|----------------------------|--|----------------------------------|--|--|--|----------------------------------|--|---|
| Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | | |
| 120.41 | | | 54.60 | | | | | | | | | 282.14 |
| 80.69 | | | | | | | | | | | | 338.62 |
| | | | | | | | | | | | | 69.93 |
| 3.75 | | | | | | | | | | | | 3.75 |
| 3.00 | | | | | | | | | | | | 3.00 |
| | | | 1.37 | | | | | | | | | 33.73 |
| | | | | | | | | | | | | 5.44 |
| 1.92 | | | | | | | | | | | | 1.92 |
| | | | | | | | | 11.16 | | | | 11.16 |
| | | | | | | | | 0.34 | | | | 0.34 |
| | | | | | | | | | | | | 5.70 |
| 32.36 | | | | | | | | | | | | 32.36 |
| | | | | | | | | | | | | 66.00 |
| | | | | | | | | | | | | 1.99 |
| 242.13 | | | 55.97 | | | | | 11.50 | | | | 856.08 |

**THUNDER BAY SYSTEM—WOOD-POLE TELEPHONE
SIZE, MATERIAL, LENGTH AND**

| Size and material | Miles of wire | | | Weight in pounds | | |
|-------------------------------|----------------------------|---|----------------------------------|----------------------------|---|----------------------------------|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927, to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927, to Oct. 31, 1928 | Under construction Oct. 31, 1928 |
| 3 x 12 galv. steel..... | 13.24 | | | 6,554 | | |
| 3 x 13 galv. steel..... | 161.04 | | | 60,390 | | |
| No. 6 a.c.s-r..... | 18.32 | | | 3,517 | | |
| No. 10 copper-clad steel..... | 8.50 | | | 1,309 | | |
| Totals..... | 201.10 | | | 71,770 | | |

**NIAGARA SYSTEM—HIGH-VOLTAGE TELEPHONE LINES
TOTAL MILEAGE AND WEIGHT OF CONDUCTORS**

| Size and material—B. & S. gauge | Wire miles | Weight in pounds |
|--|------------|------------------|
| No. 9 B. & S. G. copper..... | 1,132.61 | 236,715 |
| No. 10 B. & S. G. copper..... | 838.62 | 139,210 |
| No. 11 B. & S. G. copper..... | 139.86 | 22,097 |
| No. 8 weatherproof copper..... | 15.00 | 5,235 |
| No. 4 copper-clad steel..... | 12.00 | 7,440 |
| No. 8 copper-clad steel..... | 75.68 | 18,541 |
| No. 14 copper-clad steel..... | 7.68 | 468 |
| No. 17 copper-clad steel..... | 10.88 | 326 |
| No. 19 paper-insulated lead-covered cable..... | 819.20 | 112,082 |
| No. 22 paper-insulated lead-covered cable..... | 34.00 | 296,208 |
| No. 12 B.W.G. galvanized iron..... | 11.40 | 1,881 |
| No. 6 aluminum cable, steel-reinforced..... | 129.44 | 24,852 |
| 6 x .0661 steel and 1 x .0661 aluminum..... | 132.00 | 77,748 |
| No. 12 weather-proof iron..... | 3.98 | 1,241 |
| Totals..... | 3,362.35 | 944,044 |

**THUNDER BAY SYSTEM—HIGH-VOLTAGE TELEPHONE LINES
TOTAL MILEAGE AND WEIGHT OF CONDUCTORS**

| Size and material—B. & S. gauge | Wire miles | Weight in pounds |
|---------------------------------|------------|------------------|
| 3 x 12 galv. steel..... | 13.24 | 6,554 |
| 3 x 13 galv. steel..... | 161.04 | 60,390 |
| No. 6 a.c.s-r..... | 18.32 | 3,517 |
| No. 10 copper-clad steel..... | 8.50 | 1,309 |
| Totals..... | 201.10 | 71,770 |

NOTE.—a.c.s-r.—Aluminum conductor, steel-reinforced.

LINE FOR HIGH-VOLTAGE TRANSMISSION LINES

WEIGHT OF CONDUCTORS

| Miles of single-circuit lines | | | Total mileage of single-circuit lines completed to Oct. 31, 1928 |
|-------------------------------|---|----------------------------------|--|
| Completed to Oct. 31, 1927 | Completed Oct. 31, 1927, to Oct. 31, 1928 | Under construction Oct. 31, 1928 | |
| 6.62 | | | 6.62 |
| 80.52 | | | 80.52 |
| 9.16 | | | 9.16 |
| 4.25 | | | 4.25 |
| 100.55 | | | 100.55 |

WOOD AND STEEL-POLE TRANSMISSION AND TELEPHONE LINES

(Excluding High-Voltage Lines)

TOTAL MILEAGE OF LINES AND NUMBER OF POLES

| Lines | Miles completed | | |
|---|------------------|--------------------------------|-------------------------|
| | To Oct. 31, 1927 | Oct. 31, 1927 to Oct. 31, 1928 | Totals to Oct. 31, 1928 |
| Low-tension lines completed..... | 2,351.62 | 87.33 | 2,438.95 |
| Low-tension lines under construction..... | | 26.48 | 26.48 |
| Single-circuit lines completed..... | 1,790.27 | 86.73 | 1,877.00 |
| Double-circuit lines completed..... | 521.41 | 0.60 | 522.01 |
| Three-circuit lines completed..... | 23.73 | | 23.73 |
| Four-circuit lines completed..... | 15.88 | | 15.88 |
| Five-circuit lines completed..... | 0.33 | | 0.33 |
| Single-circuit telephone lines completed..... | 2,083.10 | | 2,083.10 |
| Double-circuit telephone lines completed..... | 51.42 | | 51.42 |
| POLES AND TOWERS | | | |
| Number of poles erected..... | 96,741 | 1,710 | 98,451 |
| Number of steel poles erected..... | 376 | | 376 |
| Number of poles under construction..... | | 525 | 525 |

WOOD AND STEEL-POLE

SUMMARY—

GAUGE, LENGTH AND

| Size and material of conductors | Wire miles of conductors | | | Weight in pounds | | | Miles of single- lines | |
|--|-------------------------------|--|--|-------------------------------|--|--|-------------------------------|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 |
| 500,000 c.m. aluminum..... | 74.67 | 3.99 | ..... | 185,928 | 9,935 | ..... | 1.17 | 1.33 |
| 345,000 c.m. aluminum..... | 215.19 | ..... | ..... | 352,266 | ..... | ..... | 1.51 | ..... |
| 336,400 c.m. aluminum..... | 7.26 | ..... | ..... | 12,109 | ..... | ..... | ..... | ..... |
| 300,000 c.m. aluminum..... | 42.30 | ..... | ..... | 63,027 | ..... | ..... | ..... | ..... |
| 173,000 c.m. aluminum..... | 37.29 | ..... | ..... | 32,293 | ..... | ..... | 1.51 | ..... |
| 4/0 alum. (211,600 c.m.)..... | 771.27 | ..... | ..... | 813,130 | ..... | ..... | 183.89 | ..... |
| 3/0 alum. (167,800 c.m.)..... | 1,989.18 | ..... | ..... | 1,658,974 | ..... | ..... | 250.94 | ..... |
| 2/0 alum. (133,079 c.m.)..... | 183.60 | ..... | ..... | 122,093 | ..... | ..... | 32.68 | ..... |
| 1/0 alum. (105,534 c.m.)..... | 710.85 | ..... | ..... | 373,195 | ..... | ..... | 161.33 | ..... |
| No. 2 alum (66,373 c.m.)..... | 421.17 | ..... | ..... | 138,985 | ..... | ..... | 133.09 | ..... |
| 477,000 c.m. a.c.s-r..... | ..... | 103.80 | ..... | ..... | 350,325 | ..... | ..... | 34.60 |
| 605,000 c.m. a.c.s-r..... | 1.65 | ..... | ..... | 6,794 | ..... | ..... | 0.55 | ..... |
| 336,000 c.m. a.c.s-r..... | 19.44 | 121.24 | ..... | 54,198 | 310,135 | ..... | 6.48 | 35.88 |
| 125,000 c.m. a.c.s-r..... | 233.34 | ..... | ..... | 214,672 | ..... | ..... | 77.78 | ..... |
| 4 0 a.c.s-r (211,600 c.m.)..... | 292.80 | ..... | 40.86 | 455,594 | ..... | 63,578 | 82.48 | ..... |
| 3/0 a.c.s-r (167,800 c.m.)..... | 148.02 | ..... | ..... | 181,619 | ..... | ..... | 27.04 | ..... |
| 2/0 a.c.s-r (133,079 c.m.)..... | 82.59 | ..... | 6.93 | 80,690 | ..... | 6,771 | 26.15 | ..... |
| 1/0 a.c.s-r (105,534 c.m.)..... | 651.66 | ..... | ..... | 505,685 | ..... | ..... | 214.56 | ..... |
| No. 2 a.c.s-r (66,373 c.m.)..... | 1,026.54 | 23.25 | 17.79 | 500,948 | 11,346 | 8,681 | 296.13 | 7.75 |
| 190,000 c.m. copper..... | 131.52 | ..... | ..... | 416,655 | ..... | ..... | 19.82 | ..... |
| 173,000 c.m. copper..... | 3.75 | ..... | ..... | 10,552 | ..... | ..... | 1.25 | ..... |
| 115,000 c.m. copper..... | 57.30 | ..... | ..... | 107,093 | ..... | ..... | 12.30 | ..... |
| 4/0 copper (211,600 c.m.)..... | 209.55 | ..... | ..... | 719,316 | ..... | ..... | 0.63 | ..... |
| 3/0 copper (167,800 c.m.)..... | 3.36 | ..... | ..... | 9,149 | ..... | ..... | ..... | ..... |
| 2/0 copper (133,079 c.m.)..... | 236.91 | ..... | ..... | 511,961 | ..... | ..... | 35.17 | ..... |
| 1/0 copper (105,534 c.m.)..... | 218.64 | ..... | ..... | 373,873 | ..... | ..... | 51.08 | ..... |
| No. 1 copper (83,694 c.m.)..... | 9.00 | ..... | ..... | 12,258 | ..... | ..... | 3.00 | ..... |
| No. 2 copper (66,373 c.m.)..... | 79.59 | ..... | ..... | 85,876 | ..... | ..... | 26.53 | ..... |
| No. 3 copper (52,634 c.m.)..... | 18.42 | ..... | ..... | 15,749 | ..... | ..... | 4.80 | ..... |
| No. 4 copper (41,742 c.m.)..... | 87.84 | ..... | ..... | 59,379 | ..... | ..... | ..... | ..... |
| No. 6 copper (26,250 c.m.)..... | 104.34 | ..... | ..... | 44,344 | ..... | ..... | 33.78 | ..... |
| 3 x 12 galv. steel (35,643 c.m.)..... | 36.39 | ..... | ..... | 18,013 | ..... | ..... | 12.13 | ..... |
| 1/4" galv. steel (48,223 c.m.)..... | 30.99 | 21.51 | ..... | 20,453 | 14,196 | ..... | 10.33 | 7.17 |
| 9/32" galv. steel (63,200 c.m.)..... | 85.05 | ..... | ..... | 71,782 | ..... | ..... | 28.35 | ..... |
| 7/16" galv. steel (153,200 c.m.)..... | 32.10 | ..... | ..... | 70,331 | ..... | ..... | ..... | ..... |
| 5 16" galv. steel (83,200 c.m.)..... | 472.95 | ..... | ..... | 524,026 | ..... | ..... | 107.45 | ..... |
| 6 galv. iron (41,000 c.m.)..... | 144.78 | ..... | ..... | 83,075 | ..... | ..... | 48.26 | ..... |
| Totals..... | 8,871.30 | 273.79 | 65.58 | 8,906,085 | 695,937 | 79,030 | 1,892.17 | 86.73 |

NOTE.—a.c.s-r—Aluminum cable, steel-reinforced; weights include steel.

TRANSMISSION LINES

(Excluding High-Voltage Lines)

WEIGHT OF CONDUCTORS

| circuit | Miles of double-circuit lines | | | Miles of three-circuit lines | | | Miles of four-circuit lines | | | Total circuit miles of one, two, three, four circuit lines completed to October 31, 1928 |
|--|----------------------------------|--|--|---------------------------------|--|--|--------------------------------|--|--|---|
| Under construction Oct. 31, 1928 | Completed Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | |
| ..... | 11.86 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.36 |
| ..... | 35.11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 36.62 |
| ..... | 1.21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.21 |
| ..... | ..... | ..... | ..... | 4.70 | ..... | ..... | ..... | ..... | ..... | 4.70 |
| ..... | 5.46 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.97 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 220.49 |
| ..... | 36.60 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 457.00 |
| ..... | 206.06 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46.94 |
| ..... | 14.26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 199.14 |
| ..... | 37.81 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 136.74 |
| ..... | 3.65 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 34.60 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.55 |
| ..... | ..... | 0.60 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 42.96 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 77.78 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 90.04 |
| 13.62 | 7.56 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 38.19 |
| ..... | 11.15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 26.84 |
| 6.93 | 0.69 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 215.59 |
| ..... | 1.03 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 326.50 |
| 5.93 | 21.81 | ..... | ..... | 0.81 | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 31.83 |
| ..... | 12.01 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.25 |
| ..... | 3.40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 15.70 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 15.88 | ..... | ..... | 19.36 |
| ..... | 2.85 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.56 |
| ..... | 0.56 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 57.07 |
| ..... | 21.90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 61.98 |
| ..... | 10.90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.00 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 26.53 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.47 |
| ..... | 0.67 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14.64 |
| ..... | 14.64 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 34.28 |
| ..... | 0.50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.13 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17.50 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 28.35 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.35 |
| ..... | 5.35 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 132.55 |
| ..... | 25.10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48.26 |
| | | | | | | | | | | |
| 26.48 | 492.14 | 0.60 | ..... | 5.51 | ..... | ..... | 15.88 | ..... | ..... | 2,493.03 |

This sheet is based on route and wire miles.

TELEPHONE

ERECTED ON WOOD-POLE LINES

GAUGE, LENGTH AND WEIGHT OF ALUMINUM,

| Size and material of wire | Miles of wire | | | | Weight in | |
|---------------------------------------|-------------------------------|--|--|-------------------------------|-------------------------------|--|
| | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 |
| No. 8 B. & S. G. c-c steel | 181.16 | ..... | ..... | 181.16 | 44,384 | ..... |
| No. 10 B. & S. G. c-c steel | 1,014.18 | ..... | ..... | 1,014.18 | 156,183 | ..... |
| No. 17 B. & S. G. c-c steel | 12.02 | ..... | ..... | 12.02 | 360 | ..... |
| No. 9 copper | 220.32 | ..... | 5.24 | 220.32 | 46,046 | ..... |
| No. 10 copper | 176.86 | ..... | ..... | 176.86 | 29,358 | ..... |
| No. 6 B. W. G. galv. iron | 25.98 | ..... | ..... | 25.98 | 14,886 | ..... |
| No. 8 B. W. G. galv. iron | 5.70 | ..... | ..... | 5.70 | 2,154 | ..... |
| No. 9 B. W. G. galv. iron | 1,735.42 | ..... | ..... | 1,735.42 | 529,303 | ..... |
| No. 10 B. W. G. galv. iron | 80.22 | ..... | ..... | 80.22 | 20,055 | ..... |
| No. 12 B. W. G. galv. iron | 86.72 | ..... | ..... | 86.72 | 14,308 | ..... |
| No. 6 a.c.s-r | 621.32 | ..... | 6.36 | 621.32 | 119,293 | ..... |
| 3 x 12 galv. steel | 88.88 | ..... | ..... | 88.88 | 295,437 | ..... |
| 3 x 13 galv. steel | 121.62 | ..... | ..... | 121.62 | 307,941 | ..... |
| 1/4" galv. steel | 1.48 | ..... | ..... | 1.48 | 976 | ..... |
| 19 p-i-l-c. cable | 7.00 | ..... | ..... | 7.00 | 69,111 | ..... |
| Totals | 4,378.88 | ..... | 11.60 | 4,378.88 | 1,649,795 | ..... |

Note.—For telephone lines generally on wood poles and serving 110,000-volt power lines see separate table.

p-i-l-c. cable—Paper insulated, lead covered cable.

c-c. steel—Copper-clad steel. a.c.s-r—Aluminum cable, steel-reinforced.

LINES

CARRYING POWER CONDUCTORS

COPPER-CLAD STEEL AND GALVANIZED IRON WIRE

| pounds | | Single-circuit mileage | | | Double-circuit mileage | | | Single and double-circuit totals completed to October 31, 1928 |
|----------------------------------|----------------------------|----------------------------|--|----------------------------------|----------------------------|--|----------------------------------|--|
| Under construction Oct. 31, 1928 | Completed to Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | Completed to Oct. 31, 1927 | Completed Oct. 31, 1927 to Oct. 31, 1928 | Under construction Oct. 31, 1928 | |
| ..... | 44,384 | 90.58 | ..... | ..... | ..... | ..... | ..... | 90.58 |
| ..... | 156,183 | 503.27 | ..... | ..... | 1.91 | ..... | ..... | 505.18 |
| ..... | 360 | 6.01 | ..... | ..... | ..... | ..... | ..... | 6.01 |
| 1,095 | 46,046 | 110.16 | ..... | 2.62 | ..... | ..... | ..... | 110.16 |
| ..... | 29,358 | 88.43 | ..... | ..... | ..... | ..... | ..... | 88.43 |
| ..... | 14,886 | 12.99 | ..... | ..... | ..... | ..... | ..... | 12.99 |
| ..... | 2,154 | 2.85 | ..... | ..... | ..... | ..... | ..... | 2.85 |
| ..... | 529,303 | 867.71 | ..... | ..... | ..... | ..... | ..... | 867.71 |
| ..... | 20,055 | 40.11 | ..... | ..... | ..... | ..... | ..... | 40.11 |
| ..... | 14,308 | 43.36 | ..... | ..... | ..... | ..... | ..... | 43.36 |
| 1,221 | 119,293 | 211.64 | ..... | 3.18 | 49.51 | ..... | ..... | 261.15 |
| ..... | 295,437 | 44.44 | ..... | ..... | ..... | ..... | ..... | 44.44 |
| ..... | 307,941 | 60.81 | ..... | ..... | ..... | ..... | ..... | 60.81 |
| ..... | 976 | 0.74 | ..... | ..... | ..... | ..... | ..... | 0.74 |
| ..... | 69,111 | 3.50 | ..... | ..... | ..... | ..... | ..... | 3.50 |
| 2,316 | 1,649,795 | 2,086.60 | ..... | 5.80 | 51.42 | ..... | ..... | 2,138.02 |

B. & S. G.—Browne & Sharpe gauge.

B. W. G.—Birmingham wire gauge.

APPENDIX III

DISTRIBUTION LINES AND SYSTEMS

Summaries of Data respecting Rural Distribution Systems, Distribution Feeders, Metering Stations, Distributing Stations and Distribution Systems constructed by the Hydro-Electric Power Commission

Below is shown in tabular and descriptive form the work carried on under the supervision of the Distribution section of the Electrical Engineering department during the year ended October 31, 1928.

This work includes the construction of rural distribution systems, the installation of feeders to supply urban municipalities and the construction of metering equipments.

Work in connection with distribution systems was done by the Commission for certain municipalities, private companies, etc., at the request and at the expense of the parties concerned.

SUMMARY OF CONSTRUCTION IN RURAL POWER DISTRICTS

| System | At October 31, 1927 | | At October 31, 1928 | |
|---------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| Niagara system..... | 2,521.1 | 19,769 | 3,297.5 | 25,256 |
| Georgian Bay system..... | 98.5 | 938 | 154.4 | 1,337 |
| St. Lawrence system..... | 53.3 | 336 | 68.1 | 450 |
| Ottawa system..... | 69.2 | 363 | 70.9 | 469 |
| Central Ontario and Trent system..... | 118.4 | 1,747 | 196.2 | 2,208 |
| Nipissing system..... | 1.9 | 110 | 4.2 | 147 |
| Total..... | 2,862 | 23,263 | 3,791 | 29,867 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS

| Rural power district | Property number | At October 31, 1927 | | At October 31, 1928 | |
|----------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |

NIAGARA SYSTEM

| | | | | | |
|--------------------|--------|-------|-------|----------------------------------|-----|
| Acton..... | N5D1 | 0.2 | ..... | 1.8 | 7 |
| Amherstburg..... | N5D3 | 39.6 | 376 | 45.2 | 422 |
| Aylmer..... | N11D2 | 60.6 | 341 | 67.4 | 390 |
| Ayr..... | N12D4 | 6.8 | 30 | 8.3 | 37 |
| Baden..... | N7D1 | 44.1 | 200 | 51.3 | 245 |
| Barton..... | N2D7 | 9.9 | 71 | Transferred to Caledonia R.P.D. | |
| Beamsville..... | N1D4 | 85.0 | 553 | 91.3 | 597 |
| Belle River..... | N15D2 | 24.2 | 200 | 32.9 | 268 |
| Blenheim..... | N14D3 | 24.4 | 137 | 32.9 | 172 |
| Bolton..... | N16D2 | 11.0 | 42 | Transferred to Woodbridge R.P.D. | |
| Bond Lake..... | N3D3 | 30.1 | 609 | 55.7 | 829 |
| Bothwell..... | N14D10 | 11.5 | 45 | 21.3 | 77 |
| Brampton..... | N13D2 | 16.1 | 54 | 36.7 | 128 |
| Brant..... | N12D1 | 28.9 | 193 | 49.9 | 284 |
| Brigden..... | N18D8 | 13.1 | 34 | 20.7 | 60 |
| Burford..... | N12D2 | 10.0 | 71 | 11.9 | 91 |
| Caledonia..... (a) | N2D5 | 11.9 | 45 | 38.3 | 188 |
| Chatham..... | N14D1 | 65.8 | 319 | 90.6 | 552 |
| Chippawa..... | N1D7 | 9.0 | 93 | 11.1 | 105 |
| Clinton..... | N8D11 | ..... | ..... | 21.2 | 145 |
| Delaware..... | N4D3 | 70.0 | 366 | 83.3 | 461 |
| Dorchester..... | N4D1 | 83.8 | 409 | 91.5 | 471 |
| Dresden..... | N14D12 | ..... | ..... | 0.3 | 2 |
| Drumbo..... | N12D5 | 19.3 | 126 | 20.2 | 146 |
| Dundas..... | N2D1 | 65.9 | 387 | 67.8 | 437 |
| Dunnville..... | N1D9 | ..... | ..... | 1.2 | 8 |
| Dutton..... | N11D3 | 3.0 | 33 | 9.5 | 65 |
| Elmira..... | N7D3 | 3.8 | 31 | 4.5 | 31 |
| Elora..... | N5D4 | 6.4 | 86 | 9.5 | 110 |
| Embro..... | N10D5 | 4.7 | ..... | Transferred to Ingersoll R.P.D. | |
| Essex..... | N15D7 | 43.5 | 217 | 53.0 | 257 |
| Exeter..... | N4D6 | 33.1 | 334 | 44.0 | 412 |
| Forest..... | N18D6 | 5.5 | 15 | 5.5 | 15 |
| Galt..... | N6D2 | 18.8 | 162 | 18.8 | 191 |
| Georgetown..... | N5D2 | 19.0 | 104 | 23.2 | 134 |
| Goderich..... | N8D2 | 2.1 | 35 | 3.2 | 38 |
| Grantham..... | N1D2 | 41.7 | 391 | 41.7 | 419 |
| Guelph..... | N5D3 | 14.8 | 71 | 28.0 | 92 |
| Haldimand..... | N2D8 | 7.9 | 58 | 10.2 | 68 |
| Harrow..... | N15D4 | 29.2 | 241 | 37.6 | 329 |
| Ingersoll..... | N10D3 | 20.8 | 15 | 71.6 | 219 |
| Jordan..... | N1D3 | 18.1 | 111 | 21.4 | 194 |
| Keswick..... | N3D5 | 17.0 | 557 | 17.5 | 614 |
| Kingsville..... | N15D5 | 64.8 | 803 | 82.7 | 940 |
| Listowel..... | N8D8 | 19.9 | 118 | 23.4 | 143 |

DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1927 | | At October 31, 1928 | |
|--------------------------|-----------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| | | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line constructed | Number of consumers receiving service |
| NIAGARA SYSTEM—Continued | | | | | |
| London..... | N4D2 | 103.1 | 1,256 | 130.9 | 1,437 |
| Lucan..... | N4D5 | 13.1 | 51 | 27.0 | 95 |
| Lynden..... | N2D2 | 32.1 | 139 | 37.6 | 180 |
| Markham..... | N3D1 | 33.6 | 154 | 42.0 | 390 |
| Milton..... | N13D3 | 25.7 | 161 | 28.2 | 180 |
| Milverton..... | N8D9 | 12.7 | 60 | 13.2 | 69 |
| Mitchell..... | N8D7 | 20.0 | 143 | 24.6 | 159 |
| Newmarket..... | N3D4 | 10.8 | 132 | 11.2 | 146 |
| Niagara..... | N1D1 | 35.6 | 182 | 39.7 | 212 |
| Norwich..... | N10D1 | 73.2 | 304 | 73.8 | 338 |
| Oil Springs..... | N18D3 | 12.5 | 77 | 12.8 | 84 |
| Palmerston..... | N8D6 | ..... | ..... | 0.2 | 9 |
| Petrolia..... | N18D5 | 0.7 | 6 | 3.5 | 17 |
| Preston..... | N6D1 | 72.1 | 499 | 88.6 | 678 |
| Ridgetown..... | N14D2 | 50.5 | 373 | 69.0 | 479 |
| St. Marys..... | N9D1 | 9.2 | ..... | 56.7 | 197 |
| St. Jacobs..... | N7D2 | 24.3 | 194 | 24.3 | 205 |
| St. Thomas..... | N11D1 | 60.2 | 596 | 95.1 | 856 |
| Saltfleet..... | N17D1 | 64.4 | 734 | 73.9 | 815 |
| Sandwich..... | N15D1 | 82.6 | 1,491 | 91.4 | 1,715 |
| Sarnia..... | N18D4 | 59.5 | 746 | 69.6 | 875 |
| Scarboro..... | N3D2 | 26.8 | 152 | 33.7 | 250 |
| Seaforth..... | N8D10 | ..... | ..... | 4.2 | 100 |
| Simcoe..... | N12D6 | 21.2 | 126 | 29.1 | 168 |
| Stamford..... | N1D6 | 9.0 | 215 | 9.3 | 211 |
| Stratford..... | N8D4 | 18.0 | 114 | 29.9 | 192 |
| Strathroy..... | N4D4 | 6.3 | 41 | 9.2 | 50 |
| Streetsville..... | N13D1 | 43.5 | 180 | 55.6 | 233 |
| Tavistock..... | N8D1 | 22.5 | 94 | 39.6 | 175 |
| Thamesville..... | N14D11 | 4.9 | ..... | 20.0 | 117 |
| Tilbury..... | N14D14 | 13.6 | 53 | 36.4 | 149 |
| Tillsonburg..... | N10D4 | 74.4 | 400 | 85.5 | 430 |
| Wallaceburg..... | N14D13 | 37.8 | 276 | 50.9 | 357 |
| Walsingham..... | N12D7 | 8.4 | 69 | 8.4 | 73 |
| Walton..... | N8D3 | 6.8 | 30 | 22.2 | 148 |
| Waterdown..... | N2D3 | 17.6 | 210 | 24.5 | 217 |
| Waterford..... | N12D3 | 11.5 | 47 | 15.5 | 61 |
| Welland..... | N1D5 | 98.8 | 1,495 | 122.4 | 1,642 |
| Woodbridge.....(b) | N16D1 | 95.7 | 477 | 126.5 | 662 |
| Woodstock..... | N10D2 | 93.1 | 409 | 103.2 | 492 |

(a) Caistorville R.P.D. and Haldimand R.P.D. transferred to Caledonia R.P.D.

(b) Bolton R.P.D. transferred to Woodbridge R.P.D.

GEORGIAN BAY SYSTEM

| | | | | | |
|--------------------------|-------|------|-----|------|-----|
| Eugenia Division | | | | | |
| Flesherton..... | E1D1 | 1.6 | 17 | 1.6 | 17 |
| Lucknow..... | E24D1 | | 1 | | 1 |
| Markdale..... | E1D2 | 1.0 | 2 | 1.0 | 2 |
| Meaford..... | E14D1 | | | 0.8 | 2 |
| Neustadt..... | E8D1 | 0.3 | 1 | 0.3 | 1 |
| Orangeville..... | E12D1 | 8.7 | 19 | 8.7 | 27 |
| Ripley..... | E24D2 | | 2 | | 2 |
| Shelburne..... | E10D1 | 2.4 | 10 | 2.4 | 10 |
| Tara..... | E15D1 | | 2 | 18.7 | 28 |
| Walkerton Quarries..... | E26D1 | 1.6 | 5 | 1.6 | 5 |
| Wasdells Division | | | | | |
| Cannington No. 1..... | W3D1 | 3.8 | 20 | 3.8 | 21 |
| Cannington No. 2..... | W3D2 | 4.1 | 19 | 4.1 | 19 |
| Georgina..... | W2D2 | 9.5 | 73 | 9.5 | 80 |
| Mariposa..... | W9D1 | 20.2 | 134 | 22.3 | 144 |
| Port Perry..... | W7D2 | 1.8 | 27 | 1.9 | 42 |
| Sparrow Lake..... | W1D1 | 16.0 | 125 | 16.1 | 137 |
| Uxbridge..... | W7D1 | 1.0 | 5 | 1.0 | 6 |
| Severn Division | | | | | |
| Barrie..... | S4D1 | 6.0 | 72 | 9.1 | 97 |
| Beeton..... | S33D1 | 0.3 | 1 | 0.3 | 1 |
| Buckskin..... | S24D1 | | | 0.9 | 13 |
| Elmvale..... | S7D1 | | 21 | | 22 |
| Innisfil..... | S31D1 | | | 14.6 | 129 |
| Nottawasaga..... | S5D1 | 7.8 | 82 | 7.8 | 82 |
| Stayner..... | S10D1 | 12.4 | 300 | 13.1 | 349 |
| Muskoka Division | | | | | |
| Beaumaris..... | M7D1 | | | 14.8 | 100 |

ST. LAWRENCE SYSTEM

| | | | | | |
|-------------------|-------|------|----|------|-----|
| Apple Hill..... | L14D1 | 10.5 | 68 | 10.5 | 83 |
| Brockville..... | L3D1 | 6.8 | 39 | 7.2 | 45 |
| Chesterville..... | L5D1 | 10.2 | 78 | 22.4 | 136 |
| Martintown..... | L13D1 | 10.8 | 78 | 11.5 | 95 |
| Maxville..... | L14D2 | | | | 2 |
| Prescott..... | L2D1 | 14.4 | 72 | 14.6 | 81 |
| Williamsburg..... | L7D1 | 0.6 | 1 | 1.9 | 8 |

OTTAWA SYSTEM

| | | | | | |
|----------------|------|------|-----|------|-----|
| Nepean.....(a) | T1D1 | 69.2 | 363 | 70.9 | 469 |
|----------------|------|------|-----|------|-----|

(a) 16.8 miles transferred to Ottawa-Richmond Line.

CENTRAL ONTARIO SYSTEM

| | | | | | |
|-------------------|-------|------|-----|------|--------|
| Belleville..... | C38D1 | 9.0 | 267 | 15.4 | 320 |
| Bowmanville..... | C23D1 | 0.5 | 3 | 0.5 | 3 |
| Campbellford..... | C11D1 | 11.0 | 31 | 11.0 | 32 |
| Cobourg..... | C13D1 | 5.0 | 33 | 47.2 | 173 |
| Colborne..... | C7D1 | 9.8 | 80 | 10.0 | (a) 72 |
| Kingston..... | C44D1 | 15.2 | 79 | 15.2 | 83 |
| Lakefield..... | C18D1 | | | | 1 |
| Napanee..... | C43D1 | 1.0 | 1 | 1.5 | 4 |
| Newcastle..... | C22D1 | 1.2 | 3 | 5.0 | 27 |
| Oshawa..... | C24D1 | 40.3 | 493 | 44.6 | 575 |
| Peterborough..... | C20D1 | 10.2 | 610 | 26.0 | 740 |
| Pickering..... | C24D2 | 6.4 | 99 | 7.8 | 117 |
| Port Hope..... | C16D1 | 6.8 | 18 | 10.0 | 32 |
| Trenton..... | C3D1 | 1.5 | 26 | 1.5 | 26 |
| Wellington..... | C45D1 | 0.5 | 4 | 0.5 | 4 |

(a) 18 Contracts were cancelled.

NIPISSING SYSTEM

| | | | | | |
|----------------|------|-----|-----|-----|-----|
| North Bay..... | Z4D1 | 1.9 | 110 | 4.2 | 147 |
|----------------|------|-----|-----|-----|-----|

DISTRIBUTION FEEDER CONSTRUCTION

During the year ending October 31, 1928, the following work was carried on in connection with distribution feeder lines.

N 1240x18—Ayr Distributing Station to H.O. Cereal Co.

During the re-construction of Ayr distribution system, it was deemed advisable to place the H.O. Cereal circuit on a separate crossarm from the Ayr circuit. A four-pin crossarm was erected on fifty poles and the H.O. Cereal circuit strung on these arms.

T 101x2—Ottawa to Richmond—17.8 Miles

A distribution feeder was required to supply the town of Richmond. As a rural line from Ottawa had been built to a point one mile distant from Richmond, this rural line was used for the purpose, and one mile of new line was built to connect this with Richmond. The complete line now consists of 7.7 miles of three-phase 8000/4600-volt circuit, and 10.1 miles of single-phase 4,600-volt circuit. The line was placed in service July 25, 1928.

L 5x503—Chesterville to Finch—8.67 Miles

A distribution feeder was required to supply power to the municipality of Finch. As a rural single-phase 4,000-volt circuit had been built for a distance of 1.67 miles from Chesterville, this rural line was used for the purpose and an additional single-phase 4,000-volt line was constructed to Finch and put in service January 31, 1928. Due to the addition of a power consumer, an additional conductor was strung to convert this line to three-phase.

This work was completed February 29, 1928.

METERING STATIONS CONSTRUCTED

| Metering station | Pro- perty number | Date work was completed | Measuring power for |
|----------------------------|-------------------------|-------------------------------|------------------------|
| NIAGARA SYSTEM | | | |
| Blyth..... | N848 | Dec. 20, 1927 | Blyth |
| Bothwell..... | N1438 | April 30, 1928 | Bothwell |
| Brampton R.P.D..... | N13D32 | Nov. 30, 1927 | Brampton R.P.D. |
| Brussels..... | N847 | Oct. 20, 1928 | Brussels |
| Chatham R.P.D..... | N14D31 | Oct. 1, 1928 | Chatham R.P.D. |
| Leaside Cast Stone Co..... | N348 | Mar. 28, 1928 | Leaside Cast Stone Co. |
| Rondeau Park..... | N1447 | May 30, 1928 | Ridgetown R.P.D. (a) |
| Seaforth R.P.D..... | N8D40 | April 25, 1928 | Seaforth R.P.D. |
| Stucco Products, Ltd..... | N336 | Mar. 28, 1928 | Stucco Products, Ltd. |
| St. Marys R.P.D..... | N9D31 | Dec. 12, 1927 | St. Marys R.P.D. |
| Superior Gravel Co..... | N1256 | Aug. 1, 1928 | Superior Gravel Co. |

(a) Includes Rondeau Park.

GEORGIAN BAY SYSTEM

| | | | |
|-------------------|-------|---------------|---------------|
| Barrie R.P.D..... | S4D31 | Oct. 25, 1928 | Barrie R.P.D. |
|-------------------|-------|---------------|---------------|

ST. LAWRENCE SYSTEM

| | | | |
|------------|------|----------------|-------|
| Finch..... | L533 | April 12, 1928 | Finch |
|------------|------|----------------|-------|

CENTRAL ONTARIO SYSTEM

| | | | |
|-------------------------|--------|--------------|---------------------|
| Bloomfield..... | C4532 | Dec. 7, 1927 | Bloomfield |
| Peterborough R.P.D..... | C20D31 | Dec. 1, 1927 | Peterborough R.P.D. |

NIPISSING SYSTEM

| | | | |
|----------------------|-------|---------------|------------------|
| North Bay R.P.D..... | Z4D31 | Dec. 22, 1927 | North Bay R.P.D. |
|----------------------|-------|---------------|------------------|

DISTRIBUTION STATIONS CONSTRUCTED

| Distribution station | Pro- perty number | Date work was completed | Supplying power to |
|----------------------|-------------------------|-------------------------------|--------------------|
| Clinton R.P.D..... | N8D41 | June, 23, 1928 | Clinton R.P.D. |
| Tavistock..... (a) | N832 | Aug. 15, 1928 | Tavistock R.P.D. |

(a) Three 15 kv-a. transformers were replaced with three 50 kv-a. transformers.

WORK DONE FOR MUNICIPALITIES AND OUTSIDE PARTIES

| Municipality | Date work was completed | Nature of work |
|------------------------------------|-------------------------------|--|
| Ilderton..... | July 10, 1928 | Addition of street lights. |
| Melbourne..... | Feb. 29, 1928 | Addition of street lights |
| Mount Elgin Industrial School..... | Nov. 11, 1927 | Construction of 1.15 miles of single-phase 4,000-volt pole line. |
| Ruscom..... | Jan. 4, 1928 | Street lighting |
| Sault Ste. Marie..... | April 12, 1928 | Report and recommendation re re-arrangement of circuits |
| Thornhill..... | Feb. 11, 1928 | Street lighting |
| Trafalgar Twp. Area No. 2..... | Oct. 31, 1928 | Valuation of distribution system |
| Woodslee..... | Jan. 4, 1928 | Street lighting |

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| | | | |
|--|------------------------|--|------------------------|
| Blenheim—Load in Horsepower | 17 | Bradford—Load in Horsepower | 26 |
| Municipal Work | 51 | Municipal Work | 54 |
| Cost of Power | 130 | Cost of Power | 184 |
| Credit or Charge Account | 160 | Credit or Charge Account | 192 |
| Sinking Fund | 177 | Sinking Fund | 198 |
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| | | | |
|---|-----|--|-----|
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